AR TARGET SHEET

The following document was too large to scan as one unit, therefore, it has been divided into sections.

EDMC#:

0076456

SECTION:

1 of 2

DOCUMENT #: 08-AMCP-0121

TITLE:

ADMINISTRATIVE

DECOMMISSIONING FOR WELLS WITH SURVEYS



Department of Energy

Richland Operations Office P.O. Box 550 Richland, Washington 99352

08-AMCP-0121

MAR 0 5 2008

Ms. J. A. Hedges, Program Manager Nuclear Waste Program State of Washington Department of Ecology 3100 Port of Benton Richland, Washington 99354



Dear Ms. Hedges:

ADMINISTRATIVE DECOMMISSIONING FOR 28 WELLS WITH AND WITHOUT SURVEYS

The purpose of this letter is to transmit recent results of a continued systematic effort by the U.S. Department of Energy, Richland Operations Office to identify unique well records on the Hanford Site that require administrative decommissioning.

Attachment 1 lists 28 unique well records numerically by well identification and associated well name. In the past, a well identification number and a formal well name were assigned. Seventeen of the wells have survey coordinates and eleven do not. Twenty five are conventional single cased wells and three are piezometers. Attachment 2 contains copies of the pertinent supporting documentation available to administratively decommission these wells.

All wells onsite are assigned a unique well identification number during the well construction planning process. Once a well identification is assigned, that identification becomes a "unique well record" and the number cannot be used again, even if the well is never drilled. Well identifications and other pertinent well data are tracked in the Hanford Well Information System (HWIS). The well identification is also used as a "place holder" in the well name column in HWIS. Once the well is completed, the "place holder" well identification is replaced with a formal well name. The well naming protocols are designed to convey the well's general location onsite.

None of the wells have Water Well Reports available in the State of Washington Department of Ecology database. This documentation will be used to change the Current Well Status of all of these wells to "Decommissioned – Verified" in the HWIS Well Inventory.

If there are any questions, please contact me, or your staff may contact, Briant Charboneau, of my staff, on (509) 373-6137.

Sincerely,

McCormick, Assistant Manager

for the Central Plateau

AMCP:FMR

Attachments

cc w/attachs:

Administrative Record Environmental Portal

cc w/o attachs:

B. H. Ford, FHI

R. E. Piippo, FHI

J. G. Vance, FFS

ADMINISTRATIVE DECOMMISSIONING FOR 28 WELLS WITH SURVEYS

Attachment 1. Well Naming Conventions and List of wells in this package.

All wells on the Site are assigned a unique well identification number (Well ID) during the well construction planning process. Once a Well ID is assigned; e.g. A7859, that ID becomes a "unique well record" and the number cannot be used again, even if the well is never drilled. Well IDs, and other pertinent well data are tracked in HWIS. The Well ID is also used as a "place holder" in the Well Name column in HWIS. Once the well is completed, the "place holder" Well ID is replaced with a formal Well Name, such as 299-W22-52. The well naming protocols are designed to convey the well's general location on the Site. For example, wells within the 100, 200, 300, 400, 600, and 1100 Areas have Well Names which begin with "199, 299, 399, 499, 699, or 1199" followed by two numbers separated by dashes. For 200 West Area wells the first number after "299-W" refers to the 200 West Area sheet in which the well is located and the last number refers to the sequential well in that area. Therefore, Well Name 299-W22-52 refers to the 52nd well in the 22^{nt} sheet in the 200 West Area. The 600 Area Well Name is derived from the absolute value of the well's northing and westing in Hanford Plant coordinates rounded to the nearest 1,000 feet, respectively. For example, Well Name 699-4-6 is located in the area near 4,000 ft northing and 6,000 ft westing in Hanford Plant coordinates. Subsequent wells in the same area are labeled sequentially starting with a "B" suffix. The first Well Name in the same area would usually be relabeled with an "A" suffix. A piczometer well has an O, P, Q, R, S, T, or U added to the last number in the Well Name.

DOE/RL follows the requirements of WAC 173-160-460 with regard to well decommissioning. A completed Water Well Report form is required to be transmitted (by the Driller) to Washington State Department of Ecology (Ecology) when a well is decommissioned. This report provides the details of the well's construction and the steps taken to decommission (plug) the well. When the records available are insufficient to meet the specific requirements of the well decommissioning process, or there is no record of the transmittal, the wells are *Administratively* Decommissioned; i.e., all available information is provided to Ecology to demonstrate that the well was never drilled, or was drilled and subsequently plugged. Since many hundreds of wells were planned but not drilled, or drilled but subsequently plugged, between Site inception in 1943 and 1986, these wells are candidates for *Administrative* Decommissioning. In addition, records of some wells that were planned and not drilled, or drilled and plugged *after* 1986, apparently were inadvertently not transmitted to Ecology, as required.

Seventeen of the wells in this document have survey coordinates and eleven do not have survey coordinates. 25 of the wells listed below are conventional single cased wells and three are piezometers (small diameter tubes placed within a host well). None of the wells have Water Well Reports available in the Ecology database. Water Well Reports may have been transmitted to Ecology at the time of decommissioning, however there is no record in the database. This documentation will be used to change the Current Well Status of all of these wells to "Decommissioned - Verified" in the HWIS Well Inventory. Please inform Ecology of these changes.

	WELL_ID	WELL_NAME
1	A7859	299-W22-52
2	A7864	299-W22-57
3	A8129	699-4-6
4	A8204	699-11 - 1E
5	A8222	699-11 - E4A
6	A8223	699-11-E4B
7	C3787	699-17-26M
8	C3788	699-17-26Q
9	C3789	699-17-26R
10	C3790	699-17-26T
11	C3791	699-17-26V
12	A8369	699-17-27
13	C3794	699-17-27N
14	A8437	699-20-E19
15	A9618	699-22-70O
16	A8622	699-40-11C
17	A8623	699-40-11D
18	A8954	699-62-57
19	A8985	699-78-36
20	A9026	699-84-36D
21	A9027	699-84-36E
22	A9028	699-84-36F
23	A9776	699-97-43O
24	A9777	699-97-43P
25	A9094	699-97-52
26	A9105	699-103-53A
27	А9106	699-103-53B
28	A9225	699-S36-13B

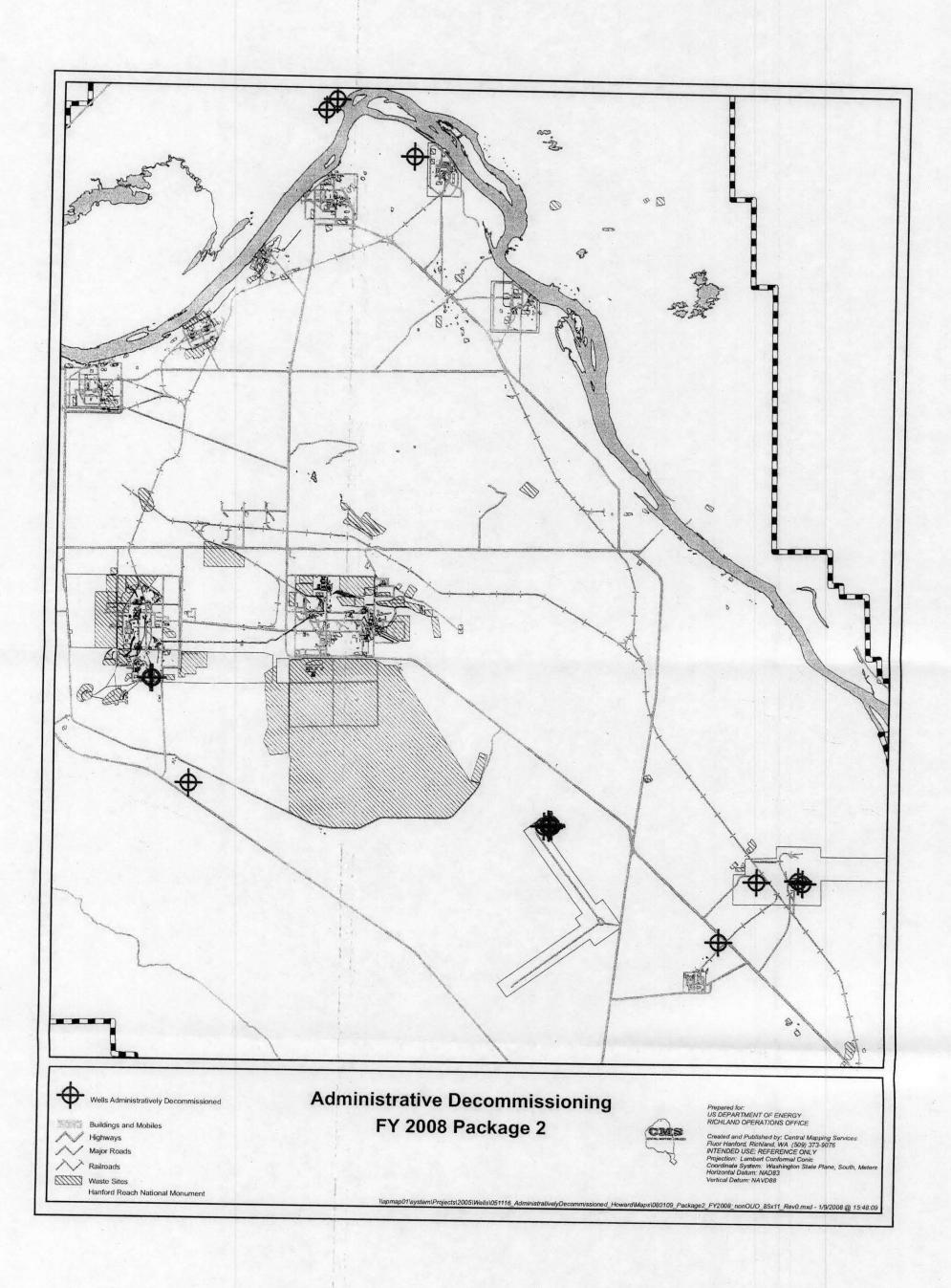
......

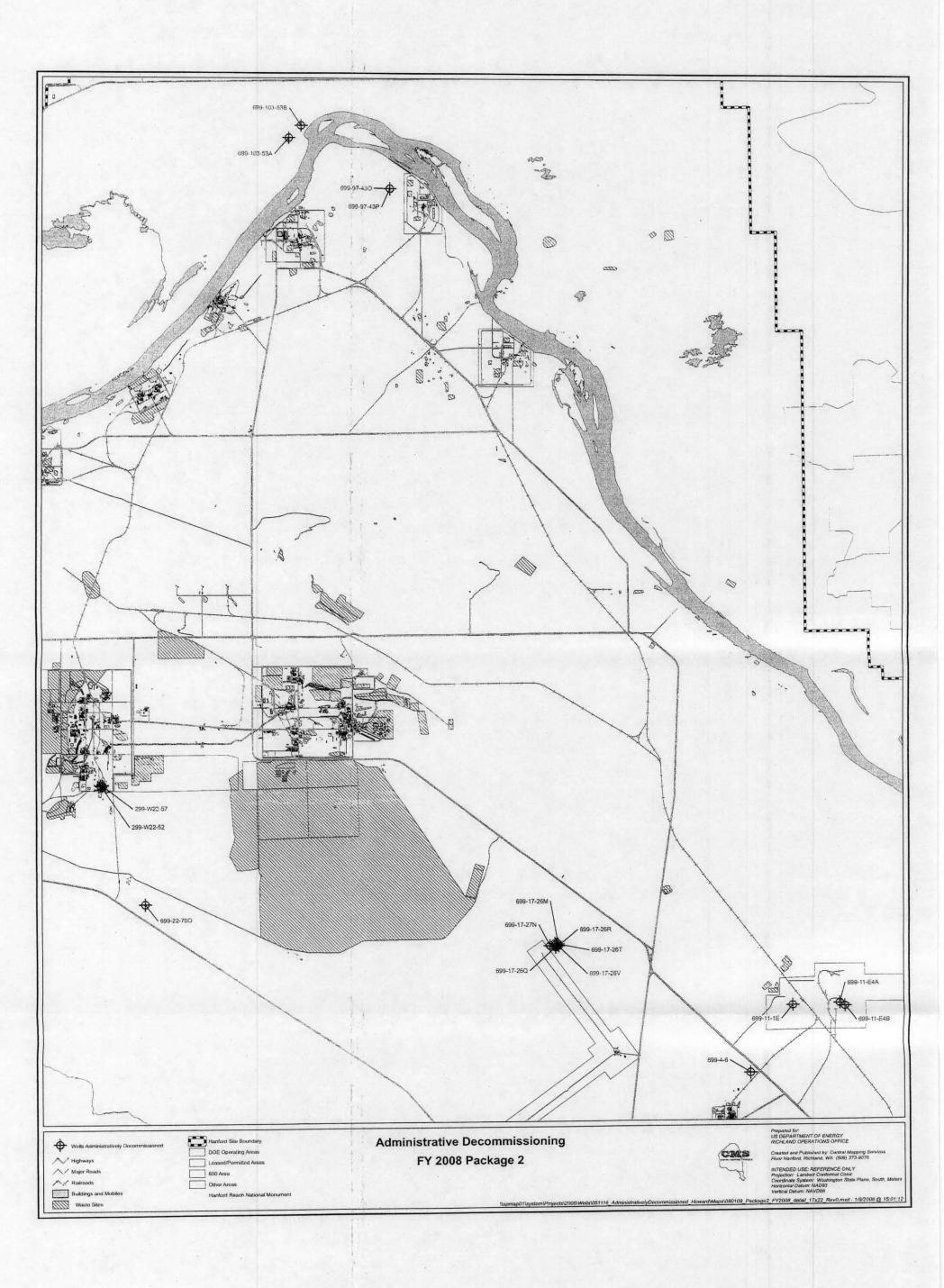
1 m

FY 2008 Administrative Decommissioning Letter 38 28 wells starting with 299-W22-52 (A7859) ending with 699-S36-13B (A9225)

Wells with and without survey coordinates

			VVEIIS WITH S	aria vvit	nout	<u>survey</u>	COOL	uma	les					
WELL	_ID_WELL_NAN	IE NORTHING EASTING WELL_TYPE		DRILL DATE	DRILL DEPTH	CONST DATE	CONST DEPTH	ידם פודכ	W WELL NAME SYNONYM	DATE LAST ROUTINE S MAINTENANCE	DATE LAST MAINTENANCE	CLOŞURE 20NE	GW AOI	MONUMENT_LOC
1 A7859	299-W22-52	133972.296 567358.756 VADOSE WELL	FY 2008 Admin Decomm Pkg 2 Rev Redox test hole #2 202-S Redox Canyon & Service Facility constructed on survey site	21 Day 46				50		<u> </u>	_ _	<u>-t</u>		
2 A7864	299-W22-57	133970.917 567419.673 VADOSE WELL	FY 2008 Admin Decomm Pkg 2 Rev Redox test hole #7 202-S Redox Canyon & Service Facility constructed on survey site	31-Dec-48	<u> </u>			50 	REDOX 2	31-Dec-48		8 REDOX	200-UP-1	Hanford (Not in Monument)
3 A8129	699-4-6	124584.231 588223.851 BORING	found - no casing detected 1974 shothole boring air rotary for WPPSS	31-Dec-74					1B-SP-1	31-Dec-48 31-Dec-74	31-Dec-4 31-Dec-7-		200-UP-1 200-PO-1	Hanford (Not in Monument)
4 A8204	699-11-1E	126792.734 589585.394 BORING	found - no casing detected 1972 hollow stem auger for WPPSS WNP-2 foundation test boring	31-Dec-72					8-22	31-Dec-72	31-Dec-7			Hanford (Not in Monument)
5 A8222	699-11-E4A	126858.75 591095.267 BORING	found - no casing detected - hollow stem auger for WPPSS 1974 WNP-1 foundation test boring						DB-2	31-Dec-74	31-Dec-77		300-FF-5 300-FF-5	Hanford (Not in Monument) Hanford (Not in Monument)
6 A8223	699-11-E4B	126762.01 591254.347 BORING	found - no casing detected hollow stem auger for WPPSS 1972 WNP-1 foundation test boring	31-Dec-72	† ·· · · · · · · · · · · · · · · · · ·	···			DB-5	31-Dec-72	31-Dec-7		300-FF-5	Hanford (Not in Monument)
7 C3787	699-17-26M	128810.593 582058.747 BORING	found at listed coordinates: N128810.59 E582058.75 Set hub & lath. Hollow stem auger for NESCO 1981 foundation test boring						· _	V. 550 / L			200-PO-1	Hanford (Not in Monument)
8 C3788	699-17-26Q	128703.85 581976.56 BORING	found at listed coordinates: N128703.85 E581976.56. Set hub & lath. Hollow stem auger for NESCO 1981 foundation test boring		· · · · · · · · · · · · · · · · · · ·			:	 .				200-PO-1	Hanford (Not in Monument)
9 C3789	699-17-26R	128752.613 582073.897 BORING	found at listed coordinates: N128752,610 E582073,897 Hollow stem auger for NESCO 1981 foundation test boring					: :	= .et 			•	:200-PO-1	Hanford (Not in Monument)
10 C3790	699-17-26T	128825.641 581952.09 BORING	found at listed coordinates: N128825.64 E581952.09 Set hub and lath. Hollow stem auger for NESCO 1981 foundation test boring	1			:		···· · · · · · · · · · · · · · · · · ·				200-PO-1	Hanford (Not in Monument)
11 C3791	699-17-26V	128801.407 581994.825 BORING	found at listed cooordinates: N128801.1 E581994.83 Set hub & fath. Hollow stem auger for NESCO 1981 foundation test boring						-				200-PO-1	Hanford (Not in Monument)
18369	699-17-27	VADOSE WELL	2007 09 ADMIN DECOMMISSIONING Ecology previously notified	31-Dec-81				10.1		31-Dec-81	31-Dec-81	: !	•	
C3794	699-17-27N	128752.322 581799.687 UNCLASSIFIED	found at listed coordinates: N128752.320 E581799.687						-				200-PO-1	Hanford (Not in Monument)
14 A8437	699-20-E19	UNCLASSIFIED	FY 2008 admin decomm no survey coordinates FY 2008 Admin Decomm Pkg 2 Rev 2006 Field Inspection Piezos					.	<u>-</u>				er e	eren
15 A9618 16 A8622	699-22-70O 699-40-11C	130165.727 568798.297 HOSTED PIEZOME	TER exist except "O"pump in well	29-Nov-62	373	30-Apr-65	200	200.		29-Nov-62	29-Nov-62) 	200-ZP-1	Hanford (Not in Monument)
17 A8623	699-40-11D	UNCLASSIFIED UNCLASSIFIED	FY 2008 admin decomm no survey coordinates FY 2008 agmin decomm no survey coordinates						<u>-</u>				· · ·	
18 A8954	699-62-57	UNCLASSIFIED	FY 2008 admin decomm no survey coordinates					<u> </u>				:		
19 A8985	699-78-36	VADOSE WELL	FY 2008 admin decomm no survey coordinates	· -					— N.RUN NO.4, REF.2 NO.20				·- ·	
20 A9026	699-84-36D	VADOSE WELL	potential multiple casing FY 2008 admin decomm no survey coordinates	: 30-Apr-74	35		1			30-Apr-74	30-Apr-74			
21 A902 7	699-84-36E	VADOSE WELL	potential multiple casing FY 2008 admin decomm no survey coordinates	30-Apr-74	35					30-Apr-74	30-Apr-74	** *	t was a	
22 A9028	699-84-36F	VADOSE WELL	potential multiple casing FY 2008 admin decomm no survey coordinates	30-Apr-74	35					30-Apr-74	30-Apr-74			J
23 A9 776	699-97-430	153090.273 576671.931 HOSTED PIEZOME	FY 2008 Admin Decomm Pkg 2 Rev - in 1997 piezos removed, well cleaned out. A cement plug was installed at 83 ft.	12-Oct-62	100	31-Dec-65	60	43.0	· · · · · · · · · · · · · · · · · ·	12-Oct-62	12-Oct-62		100-HR-3-H	Hanford (Not in Monument)
24 A97 77	699-97-43P	153090.273 576671.931 HOSTED PIEZOMET	FY 2008 Admin Decomm Pkg 2 Rev - in 1997 piezos removed, well cleaned out. A cement plug was installed at 83 ft.	12-Oct-62	100.	31-Aug-63	90	89		12-Oct-62	12-Oct-62		100-HR-3-H	Hanford (Not in Monument)
25 A909 4	699-97-52	UNCLASSIFIED	FY 2008 admin decomming survey coordinates	. '	•	. •	•		RANNEY TH #9, RANNEY					
·9105	699-103-53A	•	FY 2008 Admin Decomm Pkg 2 Rev Survey Data Report - No well	31-May-43	37	İ			TH#9	31-May-43	31-May-43			·
27 A9106	699-103-53B	155136 573798 VADOSE WELL	FY 2008 Admin Decomm Pkg 2 Rev Survey Data Report - No well				···		_					Monument North (Wahluke Slope)
28 A9225	699-S36-13B	UNCLASSIFIED							: 4/20-2N 					Monument North (Wahluke Slope)
27 A9 106	699-103-53B	155136 573798 VADOSE WELL	found - no casing detected	:			····		14/26-10A1 14/26-2N1					





299-W22-52 A7859

WELL ATTRIBUTES REPORT

WELL ID	A7859	NORTHING	133972.296	FIELD ORDER NO	
WELL NAME	299-W22-52	EASTING	567358.756	LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	208.329	CONST DATE	1/1/1601
GW OPERABLE UNIT	200-UP-1	DRILL DATE	12/31/1948	CONST DEPTH	
PROGRAMS	200 0. 1	DRILE DAIL	12/31/1940	CONST DEPTH	
WASTE SITES 50FT	202-S				
WM PLAN(S)					
WASTE STORAGE(S)		· · · · · · · · · · · · · · · · · · ·			
**************************************				· · · · · · · · · · · · · · · · · · ·	
LAST IN	ISPECTION INFORMATI	ON	CUF	RRENT INSPECTION IN	FORMATION
WELL PAD	YES	NO 🗸 ND	WELL PAD		YES NO
BRASS SURVEY MARKER	YES	🗌 NO 🗹 ND	BRASS SURVEY N	MARKER	YES NO
MARKER STAMPED WITH	SURVEY DATA 📋 YES	□ NO 🗹 ND	MARKER STAMPE	ED WITH SURVEY DATA	YES NO
MARKER STAMPED WITH	I WELL ID DATA 📃 YES	□ NO 🗹 ND	MARKER STAMPE	ED WITH WELL ID DATA	YES NO
WELL LABELED WITH W	ELL ID YES	□ NO 🗹 ND	WELL LABELED V	WITH WELL ID	YES NO
WELL LABELED WITH WI	ELL NAME YES	□ NO 🗹 ND	WELL LABELED V	NITH WELL NAME	YES NO
PROTECTIVE POSTS	YES	□ NO 🗹 ND	PROTECTIVE POS	STS	YES NO
REMOVABLE POST IN PL	ACE YES	□ NO ✓ ND	REMOVABLE POS	T IN PLACE	YES NO
WELL LOCK	YES	□ NO 🗹 ND	WELL LOCK		YES NO
WELL DAMAGED	YES	□ NO 🗹 ND	WELL DAMAGED		YES NO
WELL IS DRY	YES	□ NO ✓ ND	WELL IS DRY		YES NO
PARTED CASING	YES	□ NO V ND	PARTED CASING		YES NO
BENTONITE IN WELL	YES	□ NO ✓ ND	BENTONITE IN W		YES NO
WELL SANDED IN	YES	□ NO ✓ ND	WELL SANDED IN		YES NO
COLLAPSED CASING	YES	_ NO ✓ ND	COLLAPSED CASI		YES NO
EQUIPMENT IN WELL	YES	NO V ND	EQUIPMENT IN W		YES NO
DEBRIS IN WELL	YES	□ NO ✓ ND	DEBRIS IN WELL		YES NO
SURFACE EROSION	MAX		SURFACE EROSIC	N :	MAJOR
	MIN		SON ACE ENOSE		<u> </u>
	NON		i		MINOR SOME
LAST	PUMP INFORMATION			CURRENT PUMP INFOR	 :
PUMP ACTIVITY PERFORM		ALLED V ND	PUMP ACTIVITY P		INSTALLED
		ECTED	i	LKI OKIILD	
	NON				INSPECTED
	=	OVED			NONE
	: =	ACED			REMOVED
	REPA				REPLACED
ACTIVITY PEFORMED BY		IRLD	ACTIVITY DECODE	AED BY	REPAIRED
DATE ACTIVITY PERFORM	IFD		ACTIVITY PEFORN		
PUMP IN WELL	YES	□ NO 🗹 ND	DATE ACTIVITY P	EKPOKMED	
PUMP TESTED	YES	□ NO ☑ ND	PUMP IN WELL		YES NO
NEW PUMP	TES TES		PUMP TESTED		YES NO
PUMP TYPE	1E3	NO № ND	NEW PUMP		YES NO
PUMP TYPE			PUMP TYPE		
PUMP MAKE			PUMP MAKE	·	
	<u> </u>		PUMP MODEL		
PUMP INTAKE DEPTH (ft)	IDING THEODILL		PUMP INTAKE DEF		
	UBING INFORMATION			PRRENT TUBING INFO	RMATION
TUBING SIZE (in)			TUBING SIZE (in)		
TUBING MATERIAL			TUBING MATERIAL		
TUBING LENGTH (ft)		·	TUBING LENGTH (· · · · · · · · · · · · · · · · · · ·	
TUBING CONNECTION	IDEMENT THEST		TUBING CONNECT		
	JREMENT INFORMATIO	'N	:	NT MEASUREMENT IN	FORMATION
DEPTH TO WATER DATE			DEPTH TO WATER	```	
DEPTH TO WATER DATE	:		DEPTH TO WATER	DATE	1 1
DEDTIL TO BOTH COMME					
DEPTH TO BOTTOM(ft)	50		DEPTH TO BOTTOM	M(ft)	
DEPTH TO BOTTOM DATE	50		DEPTH TO BOTTOM DEPTH TO BOTTOM	M(ft)	
DEPTH TO BOTTOM DATE STICK UP(ft)	50		DEPTH TO BOTTOM DEPTH TO BOTTOM STICK UP(ft)	M(ft) M DATE	
DEPTH TO BOTTOM DATE	50		DEPTH TO BOTTOM DEPTH TO BOTTOM	M(ft) M DATE	

WELL ATTRIBUTES REPORT

WELL ID		A7859	NORTHING	133972.296	FIELD OR	DED NO		
WELL NAME		299-W22-52	EASTING	567358.756				
HOST WELL ID)		ELEVATION	208.329	CONST D		1/1/180	<u> </u>
GW OPERABLE	UNIT	200-UP-1	DRILL DATE	12/31/1948 CONS				
PROGRAMS								
WASTE SITES	50FT	202-S						
WM PLAN(S)								
WASTE STORA	GE(S)					·		
			WELL ATTR	BUTE COMMI	ENTS			
	-							
			CASING I	NFORMATION	¥			
SIZE/UNITS	TOP/B	OT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNES	S/UNITS	REMOVED
·		·			<u> </u>			
CHANGES								
						- · · · · · · · · · · · · · · · · · · ·		
			SCREEN I	NFORMATION	N			
SIZE/UNITS	TOP/B	OT/UNITS	MATERIAL		TYPE	SLOT SIZ	E/UNITS	REMOVED
CHANGES						<u> </u>		
				· · · · · · · · · · · · · · · · · · ·				
			PERFORATIO	N INFORMAT	ION		-	
CASING SIZE	/UNITS	S TOP/E	BOT/UNITS	·	CUTS/FT/ROUND	·		REMOVED

CHANGES								
								
								-
		·						

WELL NAME		ATES		DRILL_DEPTH			SCREEN		COMMENTS	PAGE 204
WELL TYPE PUMP TYPE	L 83 NS/EW	PLANT NS/EW	WELL_DTAM DATE_COMPL	COMPL_DEPTH DEPTH_WATER	TYPE	DIAM	TOP	вот	PREVIOUS WELL NAMES	
299-W22-43 GW H	134539.24	36339.10 -73376.50		244.0			223.7	244.0		
299-W22-44 GW H	134484.42 566955.99	36163.90 -75268.60	678.13 4.0 11/91	246.0	s	4.0	205.1	242.2		
200-w22-45	134292-51 Hanford W NL-8800 [240.0 239.0 201.3	s	4.0	198.1	233.9		
	Chamness & August 19 or U. S. Dept	93	der	241.0 241.0 205.9	s	4.0	192.9	228.9		
	ct DE-AC06-7	76RLO 1830		50.0 50.0					REDOX 1	
299- W 22-52 VW		34480.00 -73950.00	680.00 8.0 12/48	50.0 50.0					REDOX 2	
299-W22-53 VW		35350.00 -75955.00	680.00 8.0 12/48	50.0 50.0					REDOX 3	
299-W22-54 VW		35600.00 -75625.00	680.00 8.0 12/48	50.0 50.0					REDOX 4	
299-W22-55 VW		35075.00 -75625.00		50.0 50.0					REDOX 5	
299-W22-56 VW		34330.00 -74330.00		50.0 50.0					REDOX 6	
299-W22-57 VW		34475.00 -73750.00		50.0 50.0					REDOX 7	
299-W22-58 VW	*2% .	34450.00 -73500.00		30.0 30.0					REDOX 8	

anford Well! ation System

of 1

Query ____ again

WIS Interface - Survey Information - Horizontal

					MEASUREMENT_METHOD		EASTING	SURVEY_UNITS	QUALIFII
A7859	299-W22-52	UNKNOWN	NAD83	01/01/1801	CONVERTED	133972.296	567358.756	m	
************		£	}	<u></u>	} ************************************				

Se Se , S As also

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Query HWIS again

HWIS Interface - Well History Information - Drilling

WELL_ID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS
A7859	299-W22-52	12/31/1948		50	ft	

299-W 22-52

DRILLI .O

PROJECT NO. _F-10156_

Rig Ho. HO-22-3127	Date12=28=48	
Well No. #2 Redox test hole ~ 1/34,480	\$hift_#2	Å
Driller Rimley ~173,950	Depth beginning of Shift O	
Foreman Russell	Depth completion of Shift251*	

ÐR	ILLING	. Co	RING	TYPE 'SOIL	OTHER DELAYS				
Time	Depth	Time Depth			Time	Explanation			
	<u> </u>				7:48 to 8:30	Drossing in and driving to well site			
		 	<u>.</u>			Moving rig			
		·		<u> </u>	9:30 to 10:3	1 Leveling rig and rigging up			
				_	I I	00 Sotting up rig			
					12:00 to 12:	30 Lunch			
2:30 to 1	:00 51			Fine sand and si	n t				
:00 to 1:	25 10:	<u> </u>		Fine sand and si	lt				
· 	<u> </u>			 	1:25 to 1:35	Railing			
<u> </u>					1:35 to 1:45	Putting in 15! Starter casing. Total 15!			
45 to 21	00 151			Fine sand and si	1				
·····					2:00 to 2:10	Bailing			
10 to 2:	35 201	<u> </u>		Fine sand and si	at	•			

REMARKS

Easy drilling in fine	e send end silt :	from 0 to 251. Cavi	ng from 10! to 15!	Easy to bail out	sludgo. Can get from 51 to 10
sheed of cosing.	•				
**************************************			•		
	 com_e 	· · · · · · · · · · · · · · · · · · ·			
		1			

DRILL						ng of Shift 0 on of Shift 251 .				
Time Depth		- 60	RING	TYPE SOIL						
Time '	Depth	Time	Depth	TIPE SUIL	Time	OTHER DELAYS Explanation				
										
2:40 to 3:00	251			Fine sand and s	2:35 to 2:40	Bailing				
					3:00 to 3:15	Welding 9' casing. Total 24'.				
			<u></u>	·		Driving casing				
						Setting up casing				
						Dressing out and driving to yord				
<u>.</u>						A				
		, , , , ,			i:					
						. •				
				REM	ARKS					
				•						
	•				-	<u> </u>				
			 ;							
				*						

Rig No. <u>HO</u>		 .				Date12-29-48		
Mell No. Re		e#2				Shift #2		1
Driller <u>Ru</u>	nloy				Depth beginn	ing of Shift 251	<u> </u>	
Foreman Ru	sell	 .				ion of Shift 50!		
	LLIXE	Co	RIME	TYPE SOIL		OTHER DELAYS	•	
Time '	Depth	Time	Dopth	·	Time	Explanation		
					7:48 to 8:30	Safety Meeting.		 ;
						Dressing in and driving to t	rell site	
					:00 to 9:15	Welding 9' pipe. Total 33'		
						Driving casing	<u> </u>	
9:25 to 10:	00 301			Fine sand and si				 :
					0:00 to 70:	5 Bailing		
10:05 to 10	130 351			Fine sand and at	i		1	
					0:30 to 10:	5 Reiling		
10:35 to 11	100 401			Fine sand and si	t			
					1:00 to 11:1	O_Bailing		•
-					1:10 to 11:	O Wolding 91 casing. Total	121	
					1:30 to 11:	5 Driving casing .		
				REHA	RKS			
Easy drillinget 5' to 10	ng from 25'	to 50' in fi	ne sand a	nd silt. Water si	aying end og	sy to bell out sludge and cas	ing driving easy.	Can
								
							11	
		≪ .						
	•						·	

Rig No	H0-22-3127	 .	. ,		Date
Nell Ho	Redox test ho	<u>le #</u> 2			Shift <u>#2</u>
Driller	Runley			Dapth beginning	g of Shift 25!
	Rucsell				n of Shift 50!
					APMAN
	RILLING	CORING	TYPE SOIL		OTHER DELAYS
Time	Depth	Time Depth) <u> </u>	Time	Explanation
11:35 to	11:50 //.		Fine sand and s	11 t	
· · · · · · · · · · · · · · · · · · ·				11:50 to 12:00	Bailing
				12:00 to 12:30	Lunch
12:30 to	12:40 45'		Fine send and	iit	
			<u> </u>	12:40 to 12:50	Bailing
12:50 to	1:15 481		Fine sand and	iit	•
				1:15 to 1:25	Welding 9' casing. Total 51'.
,				1:25 to 1:35	Driving casing
1:35 to 1	.:45 501	·	Fine sand, sil	end some recks	
	·			i i	Bailing out
				1	Moving to new location
				3:00 to 3:30	
		<u> </u>			Dressing out and driving to yard
	• .		RE	HARKS	HOLE COMPLETE
_ •					
<u></u>		·			
			•		
	•			· · · · · · · · · · · · · · · · · · ·	<u>la</u>
					

Rafuse, Edward C

From:

Biggerstaff, Dick L

Sent:

Thursday, July 06, 2006 2:25 PM

To:

Rafuse, Edward C

Cc:

Davis, Jerry D; Howard, Bonnie J; Worley, Scott H

Subject:

Importance: High

Ed--in order to finalize the 90+ well decommissioning package for FY07 I need some additional data on some wells and I need full blown WAR's on a number of others. I need full WAR's on 299-W10-170 W11-52 W15-101 (inside building 216-29A), W18-75, W18-156 (under PFP fence) W18-243 W19-20, W19-77, W22-52, 55, 57, 59, & 64, W23-230. I need only casing size and wall thickness on the following wells: 299-W11-44, 299-W14-54, 55, &

299-1552 } booked in 2025 BLOG. REDOX 299-15-57 }

299-WIT-52 - SOUTH OF T" PLANT - SCAN & SULVEY COMPLETED.

ALONG 2300 St.

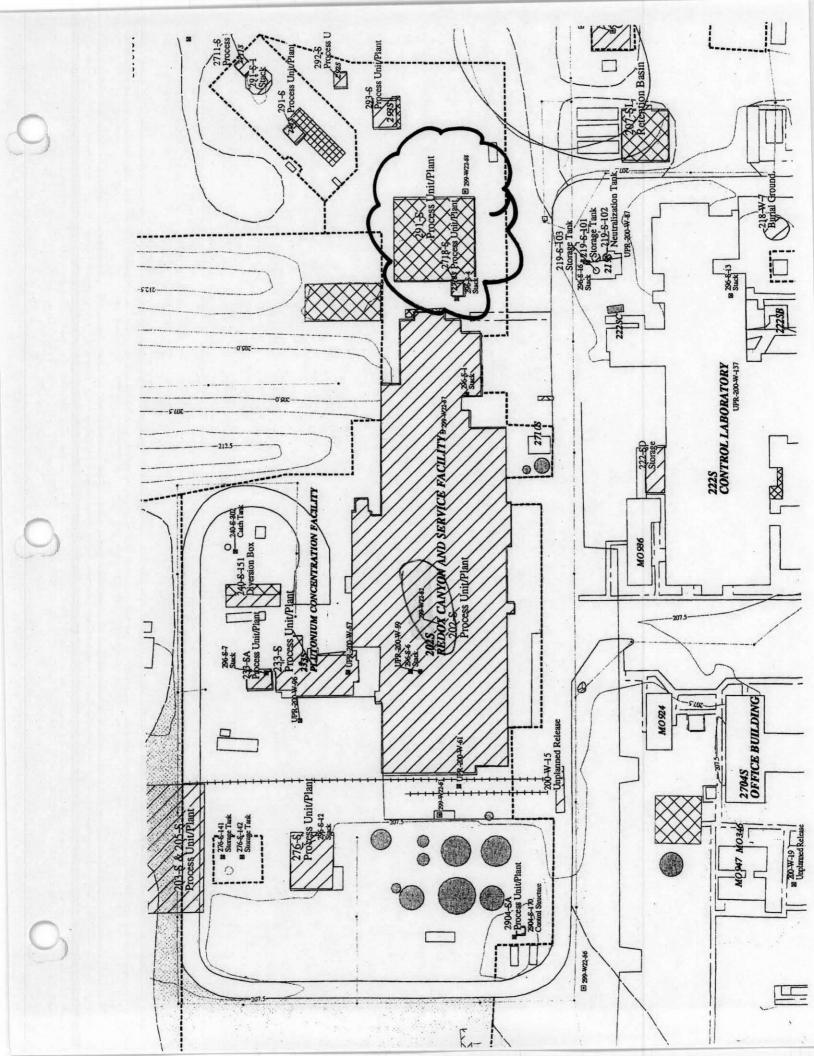
-W23-230 WAITING FOR SURVEY & SCAN DATA

5674299.39, 136751-61

299-W11-44

299-W22-61 L" WELDED FLANGE

299-W22-62 6" w/ WEISE FLANGE



78-72-57 7864

WELL ATTRIBUTES REPORT

WELL ID A7864		NORTHING 133		133970	33970.917 FIELD ORDER NO			
WELL ID	299-W22-57		STING	567419)N 1/1	/1801	
WELL NAME	299-4422-37		EVATION	208.32				
HOST WELL ID	200 110 1		RILL DATE	12/31/		_	·	
GW OPERABLE UNIT	200-UP-1		VILL DALF	12,52,		-		
PROGRAMS	202-5,296-S-1							
WASTE SITES 50FT	202-5,290-3-1							
WM PLAN(S)								
WASTE STORAGE(S)					CURRENT INSPECTION	TNEORMA	TION	
LAST I	NSPECTION INFO		l — — — .	10 11/51		YE		
WELL PAD		YES	_ NO ⊻ N		L PAD SS SURVEY MARKER	YE		
BRASS SURVEY MARKE	R	YES	_ NO 🔽 N		RKER STAMPED WITH SURVEY DAT			
MARKER STAMPED WIT	H SURVEY DATA	YES	NO V		RKER STAMPED WITH WELL ID DA			
MARKER STAMPED WIT		YES	NO 🛂 I		L LABELED WITH WELL ID	YE		
WELL LABELED WITH V	VELL ID	YES	NO VI		L LABELED WITH WELL NAME	YE		
WELL LABELED WITH V	VELL NAME	YES	NO V		OTECTIVE POSTS	YE		
PROTECTIVE POSTS		YES	NO 🗹		10VABLE POST IN PLACE			
REMOVABLE POST IN P	PLACE	YES	NO 🔽		LL LOCK	YE		
WELL LOCK		YES	NO 🗸		LL DAMAGED	YE		
WELL DAMAGED		YES	NO 🗸		LL IS DRY	T YI		
WELL IS DRY		YES			RTED CASING	Y	S NO	
PARTED CASING		YES	NO ✓		NTONITE IN WELL		S NO	
BENTONITE IN WELL		YES	NO V		LL SANDED IN	☐ YI	ES NO	
WELL SANDED IN		YES	NO V		LLAPSED CASING	— ⊟ YI	ES NO	
COLLAPSED CASING		YES	NO V		UIPMENT IN WELL		ES NO	
EQUIPMENT IN WELL		YES	NO Z		BRIS IN WELL	Y	ES NO	
DEBRIS IN WELL		MAJO			RFACE EROSION	M	AJOR	
SURFACE EROSION		MINO		30.	a management	_ _ M	INOR	
		NONE				¦	ONE	
1 1	ST PUMP INFOR!				CURRENT PUMP I	NFORMAT	ION	
PUMP ACTIVITY PERFO			ALLED 🗹	ND PU	MP ACTIVITY PERFORMED	II	NSTALLED	
POMP ACTIVITY PERIC	KITED	INSPECTED		ļ			NSPECTED	
		= NONE		i			IONE	
		REMO				R	EMOVED	
		REPL					REPLACED	
		REPA				P	REPAIRED	
ACTIVITY PEFORMED	RY			AC	TIVITY PEFORMED BY	<u> </u>		
DATE ACTIVITY PERFO					TE ACTIVITY PERFORMED			
PUMP IN WELL		YES	NO 🔽	ND PU	MP IN WELL	<u> </u>		
PUMP TESTED		YES	NO ▼	ND PU	MP TESTED		(ES NO	
NEW PUMP		YES	□ NO 🗹	ND NE	W PUMP	\\	(ES NO	
PUMP TYPE		<u> </u>		PU	MP TYPE			
PUMP MAKE				PU	MP MAKE			
PUMP MODEL					MP MODEL			
PUMP INTAKE DEPTH	(ft)			: PU	MP INTAKE DEPTH (ft)			
LAS	T TUBING INFO	RMATION			CURRENT TUBING	INFORMA	ITON	
TUBING SIZE (in)					BING SIZE (in)	i		
TUBING MATERIAL					BING MATERIAL			
TUBING LENGTH (ft)		:			JBING LENGTH (ft)			
TUBING CONNECTION		<u>:</u>		TL	IBING CONNECTION	NT INCO	MATTON	
LAST M	EASUREMENT IN	FORMATI	ON		CURRENT MEASUREM	MI INFO	APIA I AUIT	
DEPTH TO WATER(ft)		!			PTH TO WATER DATE	:	1 1	
DEPTH TO WATER DA	TE	<u> </u>			EPTH TO WATER DATE	- 		
DEPTH TO BOTTOM(fi	t)	50			PTH TO BOTTOM (ft)	· · · · · · · · · · · · · · · · · · ·		
DEPTH TO BOTTOM D	ATE	1			PTH TO BOTTOM DATE			
STICK UP(ft)					TCK UP(ft)			
REFERENCE MARK(ft)					FERENCE MARK(ft) FERENCE MARK IS TOC		YES NO	
REFERENCE MARK IS	YES	NO 🔽	ND R	PERENCE MARK IS TOC	<u> </u>	· ···		

ND* - Not Documented 12/19/2007 PAGE 1 of 2

WELL ATTRIBUTES REPORT

MARKE TE		A7864	NORTHING	FIELD ORDER NO				
WELL ID		299-W22-57	EASTING	133970.917 567419.673	LAST INSP	LAST INSPECTION CONST DATE		
WELL NAME HOST WELL ID	•	233 4422 37	ELEVATION	208.329	CONST DAT			
GW OPERABLE		200-UP-1	DRILL DATE	12/31/1948	CONST DEPTH			
PROGRAMS	ONL	200 01 1		<u> </u>				
WASTE SITES!	ENET	202-5,296-5-1						
WM PLAN(S) WASTE STORAGE(S)		202 3/230 0 1						
WASIE SIONA	GE(3)							
			WELL ATTR	IBUTE COMME	ENTS			
	·		CASING	INFORMATIO	N			
SIZE/UNITS	TOP/	BOT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNE	SS/UNITS	REMOVED
JIEL, OILLIO							!	
	<u></u>							
CHANGES								
OHAITO LO								
			SCREEN	INFORMATIO				
OTTE // INTE	TOD /	POT/UNITS	MATERIAL		TYPE	SLOT SI	ZE/UNITS	REMOVED
SIZE/UNITS	10P/	BO1/ONT12	MAILKIAL					
· · · · · · · · · · · · · · · · · · ·	<u> </u>					·		
CHANGES								
								
			PERFORATI	ION INFORMA	TION			
		TOD /	BOT/UNITS		CUTS/FT/ROUND	<u> </u>		REMOVED
CASING SI	ZE/UN	ITS TOP/	BO1/ONITS		CO15/11/100115	<u> </u>	 	
							<u>.</u>	<u>: </u>
CHANGES								
								· · · · · · · · · · · · · · · · · · ·
							p0-	

					nan /aaneen				PAGE 204		
WELL NAME	COORDIN	ATES	CASING_ELEV	DRILL DEPTH		PERF/	SCREEN		COMMENTS		
WELL TYPE PUMP TYPE	L 83 NS/EW	Plant NS/EW	WELL DIAM DATE COMPL	COMPL DEPTH DEPTH WATER	TYPE	DIAM	TOP	вот	PREVIOUS WELL NAMES		
				244.0	s	4 0	223.7	244.0			
299-W22-43	134539.24	36339.10	691.35	244.0	3	•					
GW	567532.48	-73376.50	4.0	226.2							
н			5/90	220.2							
	101101 10	26162 00	678.13	246.0	s	4.0	205.1	242.2			
299-W22-44	134484.42	36163.90	4.0	246.0							
GW	566955.99	-75268.60	11/91	210.5							
H			11,01	-							
000 W00 AE	134292.51			240.0	ន	4.0	198.1	233.9			
299-W22-45	566945.16		4.0	239.0							
GW H	300343.40		8/92	201.3							
n.			•		_		100 0	220 0			
299-W22-46	134127.84		671.18	241.0	S	4.0	192.9	220.9			
233-H22-40 GW	566903.85		4.0	241.0							
H			11/91	205.9							
			400.00	50.0							
299-W22-51		34480.00	680.00	50.0							
VW		-74150.00	8.0	30.0					REDOX 1		
			12/48								
		34480.00	680.00	50.0							
299-W22-52		-73950.00	8.0	50.0							
VW		-13930.00	12/48						REDOX 2		
			22, 10								
299-W22-53		35350.00	680.00	50.0							
299-W22-33 VW		-75955.00	8.0	50.0					REDOX 3		
V N		,	12/48						REDOX 3		
			600 00	50.0							
299-W22-54		35600.00	680.00	50.0							
	Hanford	Wells		50.0					REDOX 4		
	PNL-8800	UC-903									
	A Champoon	& J. K. Me	ť7	50.0							
M. A	A. Chamness	00 J. N. 1410	L	50.0					DEDOM E		
	August	1993	_						REDOX 5		
Prenare	for U.S. De	ept of Energy	under								
Cont	DE ACC	6-76RLO 18	30	50.0							
Con	raci DE-ACC	JU-70KEO TO	l Tarabibuta	50.0					REDOX 6		
Pacific NW	Lab by Batt	elle Memoria	Institute							•	
				50.0							
299-W22-57		34475.00 -73750.00		50.0							
· · · · · · · · · · · · · · · · · · ·		-/3/30.00	12/48						REDOX 7		
	√⊃થ.		72, 40								
000 8700 50		34450.00	680.00	30.0							
299-W22-58				30.0							
VW		-73500.00	12/48	00.0					REDOX 8		

7756 42900 What I was a second of the sec

:

. .

F 1 of 1

Query 41S again

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFI
A7864	299-W22-57	UNKNOWN	NAD83	01/01/1801	CONVERTED	133970.917	567419.673		

right.

W23-5	57	ORILLI.	, 0 6 ,
299-W	27 10 W	DRILLIA PROJECT H	0. <u>F-10156</u>

		Date 12-30-48
Rig No. HO-22-3127		Shift #2
Hell No. Redox test hole # 7	- (~# 54,47°)	Depth beginning of Shift O
Briller Rumley	~1V73,750	Depth completion of Shift 501
Foreman Russell	,,	Depth Completion of Shift

DR 1	LLING	CORING		TYPE SOIL	OTHER DELAYS			
Time Depth		Time Depth			Time	Explanation		
1186	3070				7:48 to 8:30	Dressing in and driving to well site		
8:30 to 8:4	5 51	•		Fine sand and s	11t			
					8:45 to 8:50	Beiling		
8:50 to 9:2	0 10'			Fine send end s				
51,0 50 7.2				·	9:20 to 9:30	Bailing		
9:30 to 9:	50 151			Fine sand and s	11:			
					9:50 to 10:00	Batling		
10:00 to 10	20 201			Fine sand and s				
					10:20 to 10:	30 Bailing		
10:30 to 1	0:45 251			Fine sand and s	3116	m.t. 7.75		
			<u> </u>		10:45 to 10:	50 Putting in 151 starter casing. Total 15's		
				·	10:50 to 11:	15 Welding 9' casing. Total 24'.		

REHARKS

Drilling easy in fine send	d and silt from 0 to	501. Water stayir	ng and coving scmo	from 151 to 201.	Holo-sterdi	ng u p g	002.
		·					
						<u> </u>	
1.60						1	

riller <u>R</u> i oreman <u>R</u> o	ngeoll mjcy		Depth beginning of Shift 0 Depth completion of Shift 501							
DRILLING		COI	RIME	TYPE SOIL	OTHER DELAYS					
Time '	Depth	Tine	Depth		Time	Explanation	•			
		·			11:15 to 11:	O Driving casing				
11:30 to 1	45 301		•	Fine sand and si	Ů					
					1:45 to 12:	0 Bailing				
		:			2:00 to 12:	0 Iamah				
12:30 to 1	00 351			Fine sand and si	t	•				
				;	:00 to 1:15	Bailing ·				
					:15 to 1:30	Welding 9' casing. Total 33'.				
					130 to 1135	Driving casing				
1:35 to 1:	50 40י			Fine send and si	<u> </u>		<u> </u>			
					:50 to 2:00	Bailing				
2:00 to 2:	25 45'			Fine sand and si						
					2:25 to 2:35	Bailing	•			
•				REHA	RKS		•			

QR i	LLING	CO	RIEG	TYPE SOIL		OTHER DELAYS
ine	Depth	Time	Depth		Time	Explanation
 .			•		2:35 to 2:50	Welding 91 casing. Total 421.
					2:50 to 3:00	Driving casing.
					3:00 to 3:10	Welding 9' casing. Total 51'.
to 3:2	0 501			Fine sand and	silt	
					3:30 to 4:00	Dressing out and driving to yard
,						
						HOLE COMPLETE
· ·		<u> </u>				
	 					
		<u> </u>	<u></u>			
				R	EHARKS	•
	÷				·	

PROJECT NO. _F-10156_

Briller R	edox test hole	_ → 17 —			Date 12-31-48 Shift #2 Depth beginning of Shift 50! Depth completion of Shift 50!			
Foremen R	ILLING		RING	TYPE SOIL		OTHER DELAYS		
Time	Depth	Time	Depth		Time	Explanation		

DRILLING		CORINS		TYPE SOIL	OTHER DELAYS		
ino	Depth	Time	Depth		Time	Explanation	
<u></u>					7:48 to 8:3	Dressing in and driving to well site	
					8:30 to 9:0	O Mixing and bailing	
	-			·	9:00 to 9:4	5 Waiting for wolder	
			 		9:45 to 10:	50 Making babbit socket	
			 		10:30 to 10	50 Herd-facing bit	
.					10:50 to 11	20 Changing bit	
	·	<u> </u>				2:00 Tearing rig down	
					· ·	2:30 Lunch	
<u> </u>		 		•		30 Tearing rig down	
		1				30 Moving rig into 200 West.	
			+			30 Setting rig and rigging up.	
		 	 		3:30 to 4:	OD Dressing out and driving to yard	

REHARKS

Rafuse, Edward C

From:

Biggerstaff, Dick L

Sent:

Thursday, July 06, 2006 2:25 PM

To:

Rafuse, Edward C

Cc:

Davis, Jerry D; Howard, Bonnie J; Worley, Scott H

Subject:

= 1010000

well info

importance: High

1299-1552 | Instell in 2025 BLDG REDOX

299-105-51 }

299-105-51 }

299-105-52 - SOUTH IF'T" PLANT - SCAN & SHEVEY COMPLETED

ALONG 1200 St.

1023-230 WHITING FOU SURVEY & SCAN DATA

299-1018-243 NO CONSINATES , ESH 361-378 N 135404-947

299-1018-44 NO CONSINATES S6747.99.39, 136751-61

299-1014-54 6" CSQ -250

299-1014-55 6" CCQ -325

299-1014-55 6" CCQ -325

299-1014-55 88" CSQ -340

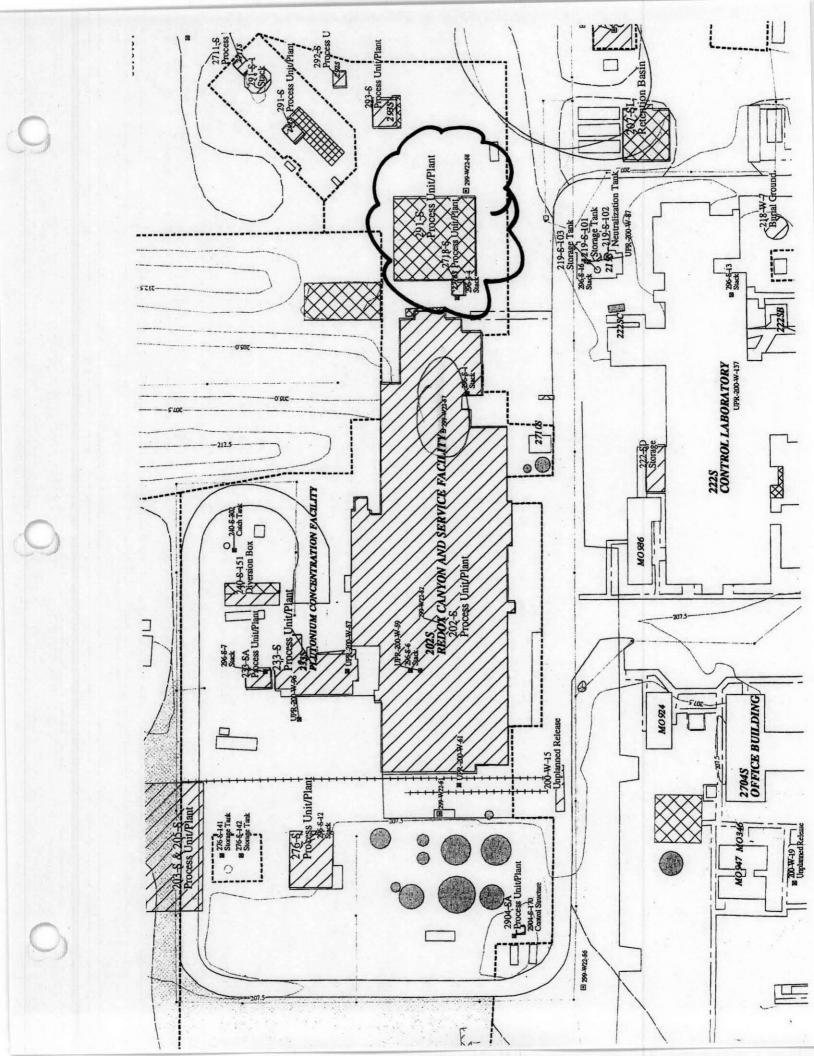
219-1022-61 6" D/WELDED FLANGE

219-1022-62 6" D/WELDED FLANGE

Query HWIS again

HWIS Interface - Well History Information - Drilling

WELLID	WFLL NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS COMMI
		40/04/4049	The second secon	50	ft



699-4-6 A8129

WELL ID	A8129	NORTHING	124584.231 FIELD ORDER NO	4.14.14.004
WELL NAME	699-4-6	EASTING	588223.851 LAST INSPECTION	1/1/1801
HOST WELL ID		ELEVATION	148.573 CONST DATE	
GW OPERABLE UNIT	200-PO-1	DRILL DATE	12/31/1974 CONST DEPTH	
PROGRAMS	<u></u>			
WASTE SITES 50FT				
WM PLAN(S)				
WASTE STORAGE(S)				
-	SPECTION INFO	RMATION	CURRENT INSPECTION I	NFORMATION
WELL PAD	13, 20, 20, 1	YES NO V ND	WELL PAD	YES NO
BRASS SURVEY MARKER	•	YES NO V ND	BRASS SURVEY MARKER	TES INO
MARKER STAMPED WIT		YES NO NO		YES NO
MARKER STAMPED WIT		YES NO V ND	MARKER STAMPED WITH WELL ID DATA	
WELL LABELED WITH W		YES NO V ND	WELL LABELED WITH WELL ID	YES NO
WELL LABELED WITH W		YES NO V ND	WELL LABELED WITH WELL NAME	YES NO
PROTECTIVE POSTS	VLLL / II II I	YES NO V ND		YES NO
REMOVABLE POST IN P	ACE	YES NO V ND	REMOVABLE POST IN PLACE	YES 7
WELL LOCK		YES NO V ND		YES NO
WELL DAMAGED	<u> </u>	YES NO V ND	WELL DAMAGED	YES NO
WELL IS DRY		YES NO V ND		YES NO
PARTED CASING		YES NO NO		YES NO
BENTONITE IN WELL		YES NO NO		YES NO
WELL SANDED IN		YES NO V NO	WELL SANDED IN	YES NO
COLLAPSED CASING		YES _ NO V NC		YES NO
EQUIPMENT IN WELL		YES NO V NO		YES NO
DEBRIS IN WELL		YES NO V NE		YES NO
SURFACE EROSION		MAJOR V NE		MAJOR
SUKFACE ENUSION		MINOR		MINOR
!		NONE		NONE
1				
LAS	ST PUMP INFORM	ATION	CURRENT PUMP INFO	· - ·
LAS PUMP ACTIVITY PERFO		AATION INSTALLED VI		☐ INSTALLED
		AATION ☐ INSTALLED ✓ NE ☐ INSPECTED		INSTALLED INSPECTED
		AATION INSTALLED VI		☐ INSTALLED ☐ INSPECTED ☐ NONE
		AATION ☐ INSTALLED ✓ NE ☐ INSPECTED		☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED
		AATION ☐ INSTALLED ✓ NE ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED		☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED
		INSTALLED V NE INSPECTED NONE REMOVED	PUMP ACTIVITY PERFORMED	☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED
	ORMED	AATION ☐ INSTALLED ✓ NE ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED	PUMP ACTIVITY PERFORMED ACTIVITY PEFORMED BY	☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED
PUMP ACTIVITY PERFO	ORMED BY	INSTALLED ✓ NE INSPECTED NONE REMOVED REPLACED REPAIRED	PUMP ACTIVITY PERFORMED ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED	☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED ☐ REPAIRED
PUMP ACTIVITY PERFO	ORMED BY	MATION ☐ INSTALLED	ACTIVITY PERFORMED ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED D PUMP IN WELL	☐ INSTALLED ☐ INSPECTED ☐ NONE ☐ REMOVED ☐ REPLACED ☐ REPAIRED ☐ YES ☐ NO
PUMP ACTIVITY PERFORMED EDATE ACTIVITY PERFORMED E	ORMED BY	TATION INSTALLED ✓ NE INSPECTED NONE REMOVED REPLACED REPAIRED YES NO ✓ NE YES NO ✓ NE	ACTIVITY PERFORMED ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED D PUMP IN WELL D PUMP TESTED	INSTALLED INSPECTED NONE REMOVED REPLACED REPAIRED YES NO YES NO
ACTIVITY PEFORMED EDATE ACTIVITY PEFORMED FOR PUMP IN WELL	ORMED BY	MATION ☐ INSTALLED	ACTIVITY PERFORMED ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED D PUMP IN WELL D PUMP TESTED D NEW PUMP	INSTALLED INSPECTED NONE REMOVED REPLACED REPAIRED YES NO
ACTIVITY PEFORMED E DATE ACTIVITY PERFO PUMP IN WELL PUMP TESTED	ORMED BY	TATION INSTALLED ✓ NE INSPECTED NONE REMOVED REPLACED REPAIRED YES NO ✓ NE YES NO ✓ NE	ACTIVITY PERFORMED ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED D PUMP IN WELL D PUMP TESTED D NEW PUMP PUMP TYPE	INSTALLED INSPECTED NONE REMOVED REPLACED REPAIRED YES NO YES NO
ACTIVITY PEFORMED E DATE ACTIVITY PERFO PUMP IN WELL PUMP TESTED NEW PUMP	ORMED BY	TATION INSTALLED ✓ NE INSPECTED NONE REMOVED REPLACED REPAIRED YES NO ✓ NE YES NO ✓ NE	ACTIVITY PERFORMED ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED D PUMP IN WELL D PUMP TESTED D NEW PUMP PUMP TYPE PUMP MAKE	INSTALLED INSPECTED NONE REMOVED REPLACED REPAIRED YES NO YES NO
ACTIVITY PERFORMED ED ATE ACTIVITY PERFORMED	ORMED BY	TATION INSTALLED ✓ NE INSPECTED NONE REMOVED REPLACED REPAIRED YES NO ✓ NE YES NO ✓ NE	ACTIVITY PEFORMED BY DATE ACTIVITY PEFORMED D PUMP IN WELL D PUMP TESTED D NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL	INSTALLED INSPECTED NONE REMOVED REPLACED REPAIRED YES NO YES NO
ACTIVITY PEFORMED ED ATE ACTIVITY PEFORMED ED DATE ACTIVITY PEFOR PUMP IN WELL. PUMP TESTED NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (RMED BY DRMED	MATION INSTALLED ✓ NE INSPECTED NONE REMOVED REPLACED REPAIRED YES NO ✓ NE YES NO ✓ NE YES NO ✓ NE	ACTIVITY PEFORMED BY DATE ACTIVITY PEFORMED D PUMP IN WELL D PUMP TESTED D NEW PUMP PUMP TYPE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft)	INSTALLED INSPECTED NONE REMOVED REPLACED REPAIRED YES NO YES NO
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WELL ID		A8129	NORTHING	124584.231	FIELD ORD	ER NO		
WELL NAME		699-4-6	EASTING	588223.851	LAST INSP	ECTION	1/1/1801	
HOST WELL ID	•		ELEVATION	148.573	CONST DA	TE		
GW OPERABLE		200-PO-1	DRILL DATE	12/31/1974	CONST DE	PTH		·
PROGRAMS								
WASTE SITES	50FT							
WM PLAN(S)						_,		
WASTE STORA	GE(S)							
			WELL ATTR	IBUTE COMME	NTS			
			CASING	INFORMATIO	N			
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CHANGES								
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l,	' 							
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CHANGES								
CHANGES								
		<u> </u>			****			

DA	CF	250

										PAGE 250
WELL			COORDI	NATES PLANT	CASING ELEV WELL DIAM	DRILL DEPTH	PERF/	SCREEN		COMMENTS
		TYPE	NS/EW	NS/EW	DATE_COMPL	DEPTH_WATER	TYPE DIAM	TOP	BOT	PREVIOUS WELL NAMES
699-4-		SW		4100.00 -4900.00	476.71	106.0				
					12/74					1B-SP-2
699-4-			DESCRIPTION OF	3500.00	484.00	115.0		Man.		
		SW		-5600.00	12/74					1B-SP-1
699-4-	-	АВ			nford Wells 800 UC-903					MICROBIOLOGY SAMPLING BOREHOLE
699-5-	-	sw		M. A. Chan	nness & J. K. l ugust 1993	Merz				1C-SP-2
699-5-		SW		Contract DE	S. Dept of Ener E-AC06-76RLO Battelle Memo	1830				
			1 401	de I I I Zuo o						1A-SP-4
699-5-		SW		5200.00 -2700.00	465.10 12/74	106.0				1B-SP-4
699-5-	- T	sw		4600.00 -3800.00	465.40	105.0				
					12/74					1B-SP-3
699-6-		SW		5890.00 15500.00	369.40	110.0				
					12/71					P-1
699-6-		SW		6350.00 5850.00	432.20	96.0				IC-SP-3
					12/74					10-52-3
699-6-	-1	SW		6300.00 -600.00	437.70 12/74	75.0				1B-SP-6
699-6-				5500.00	461.30	916.0				
		GW		-2000.00	12/74	78.0				вн-137
699-6-		SW	•	5600.00 -1600.00	454.80	104.0				
		on.		-1000.00	12/74					1B-SP-6

IWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIE
A8129	699-4-6	UNKNOWN	NAD83	01/01/1801	CONVERTED	124584.231	588223.851	m	

699-4-5 (1B-SP-2) Location: N4100, W4900 11/28-7J1

Surface Elevation: 476.71

Air rotary, logged by Fugro for WPPSS, 1974, shothole boring

Material (8)	Thickness	Depth
Sand, dark gray, fine to medium sand w/some coarse sand,		
basalt grains	. 60	60
Sand & gravel, gray	. 5	65
Sand, light gray, fine to medium		
sand predominantly quartz	. 14	79
Sand & gravel, dark brown, fine		-
to coarse sand, fine to coarse		
gravel	. 7	86
Sand, light brown, fine sand,		
quartz	. 10	96
Driller's comment: cemented		
gravel	. 11	107

11/28-701

699-4-6 (1B-SP-1)
Location: N3500, W5600 11/2
Surface Elevation: 484.00
Air rotary, logged by Fugro for WPPSS, 1974, shothole boring

Material (8)	Thickness	Depth
Sand, variegated, gray, fine sand, basalt grains	. 75	75
Sand & gravel, gray, fine to coarse sand, fine to coarse gravel	. 40	115

THE WELL HAS BEEN DECOMM. SEE SULLY SCAN & DATA & PHOTO ELL ATTRIBUTES REPORT 12/10/07

FIELD ORDER NO ASWELL ID WELL NAME 699-4	129	CON	L DATE ST DATE ST DEPTH	LAST INSPECTION NORTHING EASTING ELEVATION	124	581.23 23.85
HOST WELL ID		coir.		CURRENT INSPECTION IN	JEOR MATIO	٠
LAST INSPECTION	INFORMATIO	1			YES	П мо
WELL PAD	☐ YES		□ ND*	WELL PAD	YES	O NO
BRASS SURVEY MARKER	YES	Ои	□ ND*	BRASS SURVEY MARKER	YES	ONO
MARKER STAMPED WITH SURVEY DATA	YES	□ νό	שא □	MARKER STAMPED WITH SURVEY DATA	YES	• 🛛 • ко
MARKER STAMPED WITH WELL ID DATA	☐ YES	П МО	□ ND*	MARKER STAMPED WITH WELL ID DATA	YES	
WELL LABELED WITH WELL ID	YES	□ NO	₩םא 🗆	WELL LABELED WITH WELL ID	YES	0 ио
WELL LABELED WITH WELL NAME	YES	סא 🗀	□ ND*	WELL LABELED WITH WELL NAME		□ NO
PROTECTIVE POSTS	☐ YES	<u></u> 00	₩ בא	PROTECTIVE POSTS	YES	2 NO
REMOVABLE POST IN PLACE	☐ YES	Д КО	□ ND*	REMOVABLE POST IN PLACE	YES YES	
WELL LOCK	YES	Ом [ַ ייסאָ יי	WELL LOCK	YES YES	<u> </u>
WELL DAMAGED	YES [Ом [שא □ *סא	WELL DAMAGED	☐ YES	□ NO
WELL IS DRY	☐ YES [ОМ [□ ND*	WELL IS DRY	☐ YES	□ NO
PARTED CISING	☐ YES ☐	ОИ	□ мо*	PARTED CASING BENTONITE IN WELL	☐ YES	
BENTONITE IN WELL	☐ YES . L	ОИ С	#סא 🗆	WELL SANDED IN	☐ YES	<u></u> ио
WELL SANGED IN	YEŞ C	⊒ ио.	שא □*	COLLAPSED CASING	☐ YES	П мо
COLLAPSED CASING	☐ YES [_ ON [⊟ ND+.	EQUIPMENT IN WELL	YES	□ йо
EQUIPMENT IN WELL	☐ YES [<u> </u>	<u> </u>	DEBRIS IN WELL	☐ YES	. П №
DEBRIS INWELL	☐ YES ☐	<u> </u>	□ ио*	CURRENT PUMP INFOF		
låst pump inf	ORMATION			PUMP ACTIVITY PERFORMED	☐ INSTA	. 1
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	REMOVED				REMO	
	YES C		□ ND*	PUMP TESTED	YES	<u> </u>
PUMP TESTED	☐ YES ☐] NO	□ ND*	NEW PUMP	☐ YES	_ П ,ИО
NEW PUMP	1.29			ACTIVITY PEFORMED BY		
ACTIVITY REFORMED BY				DATE ACTIVITY PERFORMED	·	
DATE ACTIVITY PERFORMED			·	PUMP TYPE		
PUMP TYPE				PUMP MAKE		
PUMP MAKE			: -	PUMP MODEL		
PUMP MOBIL				PUMP INTAKE DEPTH (ft)		
PUMP INTWE DEPTH (A)				TUBING SIZE (In)		
TUBING STE (In)				TUBING MATERIAL	 ,	
TUBING MATERIAL				TUBING LENGTH (ft)	-	
UBING LENGTH (R)			. 1			
UBING COMECTION				TUBING CONNECTION		

THES WELL HAS BEEN DECOMM.

HOST WELL ID	ME			DRILL DATE CONST.DATE CONST.DEPTH		HORTHING EASTING ELEVATION	
<u> </u>		MEASL	REMENT INFORMATION	4		îo î_	7
			LAST	CURRENT		 c	
	11/475	D(A)			/ -		
A DEPTH				1	 		
	TO WATER						
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!!	то вотто	M DATE					A
CSTICKU							
DREFERE	NCE MARK	(ft)					9
REFERE	NCE MARK	IS TOC	YES NO NO	* YES NO	으니 .	•	
<u></u>			ration information				
CASING S	IZE T	OP BOT	TOM CUTS/FT/ROUND			W Depth to Water	_
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·							
CHANGES					_	epth to Bottom of W	Seil .
CITATIONS					-	Dagi	h to Bottom of Caeing
		<u> </u>			A DEPTH TO	WATER FROM TOP OF	DASING
					LO TOP OF CA	BOTTOM OF WELL FRO	PACE/PAD
		CASÍ	ng information		D TOP OF CA	SING TO SURVEY RAFE	RENCE MARKER
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTI	ON THICKNESS	_
							
	1.	<u></u>	<u> </u>				
HANGES							
TARGE	.,			<u> </u>			·
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		<u> </u>					
		SCRE	N INFORMATION				
		ВОТТОМ	MATERIAL	T.	YPE	SLOT SIZE	
SIZE	TOP	3011011			. <u></u>	<u> </u>	į
					 		
	, , , , ,		•				
HANGES						· · · · · · · · · · · · · · · · · · ·	<u> </u>
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	SURVEY DATA RE	PORT			1	quest No. 1-036		
iect No.	Well Decommissioning: Well A8129							
Job No. 65400811.1225400	Prepared By Tim Johnson	Date 12/5/20	07	Reviewer	Hente	le _	Page 1 of 2	
CA10	DESCRIPTION OF WORK	<u> </u>	DISTR	IBUTION	SDR	PLOT	DWG	
	A8129 at coordinates given.	,	Survey	Survey File				
Attempt to locate well	A0129 at cooldinates give-		E.C. R	E.C. Rafuse		ļ <u>.</u>		
			S.H. V	S.H. Worley				
Horizontal Coordinate	System: WCS83S/91 (Meters)		B.J, H	B.J, Howard				
Vertical Datum: NAVD88 (Meters) Equipment Used: Trimble 5800 GPS Receiver.				G.G. Kelty				
				liver	1			
	CYIDVEV DEC	LIT TO AND C	MMENTS			1,	<u> </u>	

SURVEY RESULTS AND COMMENTS

<u>Name</u>	Northing 124584 23	Easting 588223.85	Description No well found.	Set hub and lath.	See photo.	
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NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

	SCAN DATA R	EPORT				Request No.: 081-095	
"roject No.: JA	Title: Well Decommissioning:	Scan @ Well	A8129	1699-4	-6	File No.: 600S-001	
Job No.: 65400811.1225400 / CA10	Prepared by: S. Wray			Date: 12/7/07	Roviewer	\mathcal{L}	Page 1 of 1
OF MODA.				DISTRIBUTION	ON SOF	SKETCH	DWG
DESCRIPTION OF WORK:		kg100		Survey File	OR	OR	
Performed a ground scan (20' x	20' area) at staked well loca	HON A0129		B.J. Howard	1		
				E.C. Rafuse	1		
				S.H. Worley	1		
				G.G. Kelty	1		
				E.E. Oliver	1		
				,			
	GATION: 12/05/07		<u> </u>			<u>, , </u>	
DATE OF FIELD INVESTIG	011111111111111111111111111111111111111	Soil Condition	ns: 🔯	Rocky	Sandy [Wet	Dry
Weather: Temp 40°F	Wind 20 MPH	Depth of Inve					
Cloudy Clear	P. Cloudy Fog			ed Functional C	hecks.		
		ļ	Curren	t/Completed	AICOMS		
Equipment Used: 50/60 Hz detector (fo	or energized lines)						
Radio Frequency Ele							
\							
Ground Penetrating	Radar (GFR) Magnetic Locator (Schonstee	dt)	×				
X Other (identify)) MHz		400 MHz	3(00 MHz
GPR Antenna(s) Used:	1000 MHz	<u> </u>	J 1VIL12				
Documentation Provided: No	one						
Limits of Investigation: As n	oted						
	e, clay pipe, PVC pipe, and torizontal scanning limit to to for an existing structure; the ture. Ent is advised that subsurfactioncrete conditions, utility or rectly located. Client assum	existing structs 400 MHz is w e location scar ongestion and les such risk. I	nning is to	of an existing not 100% accurate beyond Coal that Client department of the curtain of the curtai	ate. Client is ontractor contellegate respo	herby notificated may cause insibility to introduce to pre-	ed that se subsurface ts
Note: No evidence of well of	casing detected in scan area.						

699-11-1E A8204

WELL NAME MOST WELL TO GIVEN PROGRAMS DRILL DATE ELEVATION 12/31/1972 CONST DEPTH PROGRAMS WASTE STES SOFT WASTE STRES ECTION INFORMATION WELL PAD BRASS SURVEY MARKER YES NO ✓ ND BRASS SURVEY MARKER YES NO ✓ ND WASTE STRAMPED WITH WURVEY DATA YES NO ✓ ND WASTE STRAMPED WITH WURVEY DATA YES NO ✓ ND WELL LABBELED WITH WELL ID DATA YES NO ✓ ND WELL LABBELED WITH WELL ID DATA YES NO WELL LABBELED WITH WELL ID DATA YES NO WELL LABBELED WITH WELL ID YES NO WELL LOCK WELL LOCK YES NO WELL LOCK WELL LOCK YES NO WELL LOCK WELL LOCK WELL SORY YES NO WEL	WELL ID	A8204		NORT	HING	126792.734	FIELD ORDER NO			
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GW OPERABLE UNIT 300-FF-5 DRILL DATE 1/31/1972 CONST DEPTH PROGRAMS WASTE STRES SOFT WASTE STORAGE(S)	HOST WELL ID			ELEVA	TION	136.229		•	-/ -/ -	
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WELL LABELED WITH WELL ID	MARKER STAMPED WIT	H SURVEY DATA	YES		O 🔽 ND	MARKER STAMI	PED WITH SURVEY DATA		YES	NO
WELL LABELED WITH WELL NAME	MARKER STAMPED WITH	H WELL ID DATA	YES	NC	ND 🔽 ND	MARKER STAM	PED WITH WELL ID DATA		YES	NO
PROTECTIVE POSTS	WELL LABELED WITH W	ELL ID	YES		ND 🔽 ND	WELL LABELED	WITH WELL ID		YES	NO
REMOVABLE POST IN PLACE	WELL LABELED WITH W	ELL NAME	YES	NC	ND V	WELL LABELED	WITH WELL NAME		YES	NO
WELL LOCK YES NO NO WELL LOCK YES NO WELL LOCK YES NO WELL LOCK YES NO WELL DAMAGED YES NO WELL LOCK YES NO WELL DAMAGED YES NO WELL LIS DRY YES NO WELL SANDED IN YES NO WELL SANDED	PROTECTIVE POSTS		YES	NC	ND	PROTECTIVE PO	OSTS			=
WELL LOCK	REMOVABLE POST IN PL	.ACE	YES	☐ NC	ND	REMOVABLE PO	OST IN PLACE			
WELL DAMAGED	WELL LOCK		YES	□ NC	ND	WELL LOCK		$\overline{\Box}$	YES	
WELL IS DRY	WELL DAMAGED		YES	NC	✓ ND	WELL DAMAGE		_=		
PARTED CASING	WELL IS DRY		YES	☐ NC	✓ ND	WELL IS DRY		_=-		=
BENTONITE IN WELL YES NO ✓ ND WELL SANDED IN YES NO ✓ ND COLLAPSED CASING YES NO ✓ ND COLLAPSED CASING YES NO ✓ ND EQUIPMENT IN WELL YES NO ✓ ND EQUIPMENT IN WELL YES NO ✓ ND EQUIPMENT IN WELL YES NO WELL SANDED IN WELL WELL NO ACTIVITY PERFORMED WELL SANDED IN WELL WELL NO WELL SANDED IN WELL WELL NO WELL SANDED IN WELL WELL NO WELL SANDED IN WELL YES NO WELL SANDED IN WELL YES NO WELL SANDED IN WELL WELL NO WALL SANDED IN WELL WELL NO WALL SANDED IN WELL WELL NO WALL SANDED IN WELL YES NO WELL SANDED IN WELL WELL SANDED IN	PARTED CASING		YES		✓ ND	PARTED CASING	3	=		
WELL SANDED IN	BENTONITE IN WELL		YES	□ NO	✓ ND			_=		=
COLLAPSED CASING	WELL SANDED IN		YES	_ NO	✓ ND	WELL SANDED	IN	_=		
EQUIPMENT IN WELL	COLLAPSED CASING		YES	i NO	₩ ND			_=_		
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TCK UP(ft) STICK UP(ft) FERENCE MARK(ft) REFERENCE MARK(ft)					·	DEPTH TO BOTTO	OM(ft)			
FERENCE MARK(ft) REFERENCE MARK(ft)	EPTH TO BOTTOM DATE					DEPTH TO BOTTO	OM DATE			
EEDENICE MADE IS TOO	TICK UP(ft)					STICK UP(ft)				
EEDENICE MADY IS TOS						REFERENCE MARI	K(ft)			
	FERENCE MARK IS TOC	i (YES _	NO	✓ ND	REFERENCE MARI	K IS TOC	Y	ES	NO

WELL ID		A8204	NORTHING	126792.734	FIELD OR	DER NO		
WELL NAME		699-11-1E	EASTING	589585.394			1/1/1801	
HOST WELL I	D	_	ELEVATION	136.229	CONST DA			
GW OPERABLE	E UNIT	300-FF-5	DRILL DATE	12/31/1972	CONST D	EPTH		
PROGRAMS								
WASTE SITES	50FT							
WM PLAN(S)		_						
WASTE STORA	AGE(S)							
			WELL ATTR	IBUTE COMM	ENTS			
			CASING 1	INFORMATIO	N			
SIZE/UNITS	TOP/E	OT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNES	S/UNITS	REMOVED
CHANGES	-							
						-		
		17.774	- 4					
							·	
,			SCREEN 1	INFORMATIO	PN .			
SIZE/UNITS	TOP/B	OT/UNITS	MATERIAL		TYPE	SLOT SIZE	/UNITS	REMOVED
			1	····		:		
CHANGES								
					···			7.
			PERFORATIO	N INFORMA	TION			
CASING SIZ	E/UNIT	S TOP/	BOT/UNITS		CUTS/FT/ROUND			REMOVED
,								
CHANGES								

WELL NA	LL TY		83	INATES PLANT	CASING ELEV	DRILL DEPTH COMPL DEPTH	PERF/	SCREEN		COMMENTS	PAGE 258
P	MP TY	YPE N	IS/EW	NS/EW	DATE_COMPL	DEPTH_WATER	TYPE DIAM	TOP	BOT	PREVIOUS WELL NAMES	
699-11-1	.B VW			11490.00 -1060.00	443.50	58.0					
699-11-1	C				12/72					B-14	
	VW			11150.00 -1010.00	426.60	58.0					
	61				12/72					B-15	
699-11-1	AB			11000.00 -1410.00	443.00	59.0				DESTROYED	
699-11-1	19				12/72					B-19	
	VW			10720.00 -1090.00	443.50	59.0					
					12/72		Astronomics			B-22	
699-11-1	H VW			Pi	Hanford Well						
699-11-1	т.				Chamness & J					B-33	
033 11-1	AB				August 1993					DESTROYED	
699-11-1				Contrac	r U. S. Dept of I t DE-AC06-76F	LO 1830				B-34	
	VW			Pacific NW La	b by Battelle M	emorial Institute	•				
					,					B-17	
699-11-2	AB			10690.00 -1830.00	445.30	58.0				DESTROYED	
699-11-3		4			12/72					B-21	
023 II-3	VW			10930.00 -2380.00	447.60	58.0					
					12/72					B-18	
699-11-4	SW			10950.00 -3800.00	448.90	93.0					
					12/74					1A-SP-9	
699-11-5	SW			11000.00 -4600.00		93.0					
					12/74					1D-SP-2	
699-11-6	SW		50%	10530.00 -5700.00	461.90	115.0				10-52-2	
					12/74					1D-SP-1A	

HWIS Interface - Survey Information - Horizontal

WID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING EASTING
A8204	699-11-1E	UNKNOWN	NAD83	01/01/1801	CONVERTED	126792.734 589585.394

699-11-1D (B-19)

Location: N11000, W1410 11/28-567
Surface Elevation: 443.0
Hollow stem auger, logged by Shannon & Wilson for WPPSS, 1972, WNP-2 foundation test boring

Material (8)	Th	ickness	Depth
Loose, tan, silty fine sand w/scattered gray, becoming gray & fine to coarse below 5 ft. Medium dense, gray, fine sand w/scattered gravel, gravel content increases		12	12
below 45 ft. Very dense, light brown- gray, silty sandy	•	36	48
gravel	•	8	56
fine sand	•	3	59

699-11-IE (B-22)

Location: N10720, W1090 11/28-5G8

Surface Elevation: 432.5

Hollow stem auger, logged by Shannon & Wilson for WPPSS, 1972, WNP-2 foundation test boring

Material (8)	7	Thickness	Depth
Loose, brown, silty fine			-
sand		5	5
Medium dense, gray, fine			
to medium sand, contains			
scattered gravel &			
becomes slightly silty			
below 10 ft.		22	27
Dense, gray, fine to medium	•		ζ, /
sand w/scattered gravel			
Very dense, tan, silty			
sandy gravel	_	30	57
Very dense, tan, fine sand		2	57 59

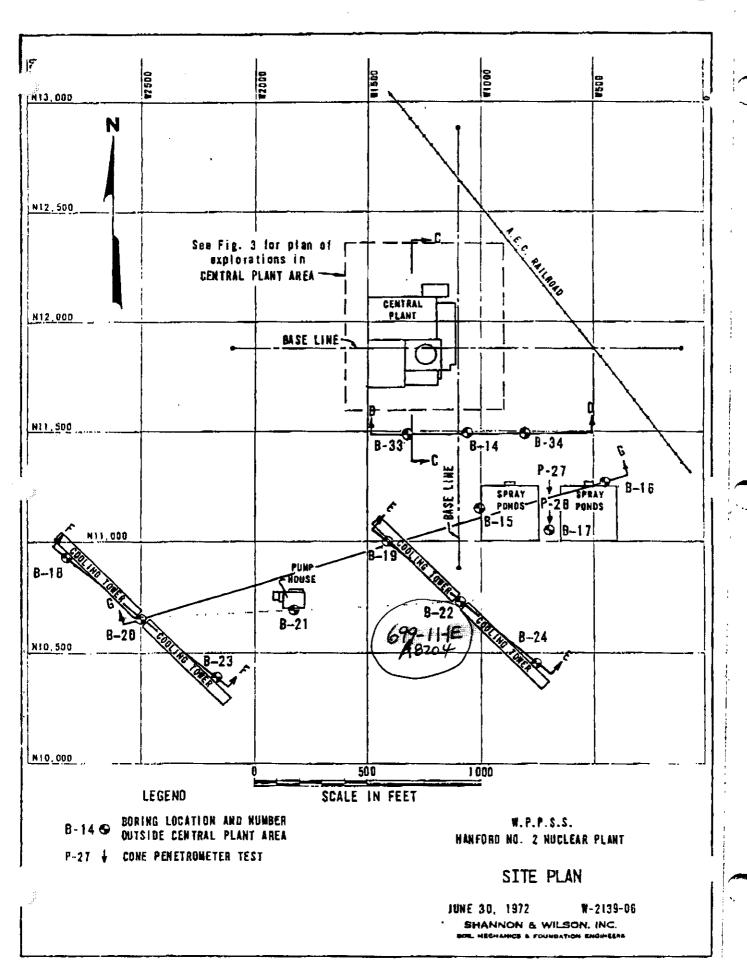


FIG. 2

THES WELL HAS BEED DECOMON. SEE SURVEY SEAW, DATA & SO PHOTO WELL ATTRIBUTES REPORT 12/10/07

IELD ORDER NO WELL ID	A8204				LAST INSPECTI NORTHING		1/1/180 126792.		
WELL NAME	699-11-1E		cor	NST DATE	EASTING		589585.		
HOST WELL ID	 	*		NST DEPTH	ELEVATION		136.229		
						-	130.229		
	AST INSPECTI	ON INFORMAT	ION		CURRENT INSPECTION I	NFORM	MOITAN	ī	
WELL PAD		☐ YES	□ NO	✓ ND*	WELL PAD		YES		
BRASS SURVEY MARKE		☐ YES	□ NO	✓ ND*	BRASS SURVEY MARKER		YES		
MARKER STAMPED WIT			□ NO	✓ ND*	MARKER STAMPED WITH SURVEY DATA		YES		
MARKER STAMPED WIT		TA SES	□ NO	✓ ND*	MARKER STAMPED WITH WELL ID DATA		YES		
WELL LABELED WITH V	VELL ID	☐ YES	□ NO	✓ ND*	WELL LABELED WITH WELL ID		YES		
WELL LABELED WITH V	VELL NAME	☐ YES	□ no	✓ ND*	WELL LABELED WITH WELL NAME		YES		_
PROTECTIVE POSTS		☐ YES	□ NO	✓ ND*	PROTECTIVE POSTS		YES		
REMOVABLE POST IN P	LACE	☐ YES	□ NO	✓ ND*	REMOVABLE POST IN PLACE		YES		_
WELL LOCK		☐ YES	□ NO	✓ ND*	WELL LOCK		YES		
WELL DAMAGED		☐ YES	□ NO	✓ ND*	WELL DAMAGED		YES		
WELL IS DRY		☐ YES	No	▼ ND*	WELL IS DRY		YES		-
PARTED CASING		☐ YES	□ NO	✓ ND*	PARTED CASING		YES		
BENTONITE IN WELL	· · · · · · · · · · · · · · · · · · ·	☐ YES	_ No	✓ ND*	BENTONITE IN WELL		YES		
WELL SANDED IN		☐ YES	NO	✓ ND*	WELL SANDED IN		YES	NC	
OLLAPSED CASING		☐ YES		✓ ND*	COLLAPSED CASING		YES	□ NC	
QUIPMENT IN WELL	·	YES	□ NO	✓ ND*	EQUIPMENT IN WELL		YES	□ NC)
DEBRIS IN WELL		☐ YES	□ NO	✓ ND*	DEBRIS IN WELL		YES	□ NC)
SURFACE EROSION		· · ·	NON 🖳 s	E	SURFACE EROSION		MAJOR	□ NON	NE
	LAST PUMP IN		₹ ✓ ND*				MINOR		
		NFORMATION			CURRENT PUMP INFO	ETAMS	ON		
PUMP ACTIVITY PERFOR	MED	INSTA			PUMP ACTIVITY PERFORMED		INSTAL	LED	
		REPLA		✓ ND*			REPLAC	CED	
PUMP TESTED		+-=			PUMP TESTED		REMOV		
NEW PUMP		YES	□ NO	✓ ND*	NEW PUMP		YES	□ NC)
ACTIVITY PEFORMED BY		ND*	□ NO	✓ ND*	ACTIVITY PEFORMED BY		YES	□ NO)
DATE ACTIVITY PERFORI					DATE ACTIVITY PERFORMED				_
PUMP TYPE		ND*			PUMP TYPE				_
PUMP MAKE		ND*			PUMP MAKE	 <u>.</u>	- y		
PUMP MODEL		IND*			PUMP MODEL		·		
PUMP INTAKE DEPTH (ft)		1			PUMP INTAKE DEPTH (ft)				
UBING SIZE (in)		:			TUBING SIZE (in)			 -	-
UBING MATERIAL		ND*			TUBING MATERIAL		·		_
'JBING LENGTH (ft)					TUBING LENGTH (ft)				
JBING CONNECTION		ND*			TUBING CONNECTION				4
					: =:•				

DELOMM.

TELD ORDER NO					L	AST INSPECTI	ON 1/	1/1801
WELL ID WELL NAME	A8204 699-11-1E		CONCT DATE			ORTHING		26792.734
HOST WELL ID	099-11-16		CONST DATE CONST DEPTH			ASTING		39585.3 94
					E	LEVATION	13	36.229
	MEASUREM	ENT INFORMATION				* *	*	**
		LAST	CURRENT		┼	<u></u> с		
DEPTH TO WATE								*
DEPTH TO WATE	R DATE			1				
DEPTH TO BOTTO	OM(ft)							
DEPTH TO BOTTO	DM DATE							
STICK UP(ft)]			A	
REFERENCE MARI	〈(ft)			-				
REFERENCE MARI	C IS TOC YE	S NO MND*	YES NO		[]			В
	· · · · · · · · · · · · · · · · · · ·	ION INFORMATION	, - , , , 110					
	7-7							
CASING SIZE	TOP BOTTOM	CUTS/FT/ROUND			V Den	th to Water		
				i H	┨ ┪		<u>.</u>	
				()				
HANGES								
				a const		o Bottom of V		<u> </u>
								tom of Casin
						R FROM TOP OF OM OF WELL FRO		F CASING
	CASING	INFORMATION		C TOP (F CASING TO CASI	TO GROUND SUI TO SURVEY REF	RFACE/PA	AD MARKER
SIZE TOP	воттом	MATERIAL	TYPE		CTION	THICKNES		
						THIONNES	3	
ANGES								
				······				
<u> </u>	SCREEN 1	INFORMATION	· · · · · · · · · · · · · · · · · · ·	·				
CITE TOD					<u></u>			
SIZE TOP	воттом	MATERIAL	TYF	PE		SLOT SIZE		
								
ANGES					- 			
		· · · · · · · · · · · · · · · · · · ·						

	SURVEY DATA REPOR	aT.				quest No. 1-036				
F arct No.	Well Decommissioning: Well A8204 679-11-1E									
Job No. 65400811.1225400 CA10	Prepared By Tim Johnson	Date 12/5/2007		Reviewer	Hen	he	Page 1 of 2			
	DESCRIPTION OF WORK		DISTR	IBUTION	SDR	PLOT	DWG			
Horizontal Coordinate Vertical Datum: NAVI	A8204 at coordinates given. System: WCS83S/91 (Meters) D88 (Meters) ible 5800 GPS Receiver.		Survey E.C. Ra S.H. W B.J, Ho G.G. K	fuse orley ward	OR 1 1 1 1 1					
			E.E. Ol	iver	1					

SURVEY RESULTS AND COMMENTS

Name	Northing	Easting	Description
A8204	126792.73	589585.39	No well found. Set hub and lath, see photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

	SCAN DATA	REPORT			 .	Request No.: 081-095	
Project No.:	Title: Well Decommissioning	g: Scan @ W	ell A8204	1699-11-1	Ë	File No. : 600S-001	· · ·
Job No.: 65400811,1225400 / CA10	Prepared by: S. Wray			Date: 12/7/07	Reviewer	17.	Page
03400811.12234007 CA10	S. Wiay			12/7/07	Fary	4 Hend	of 1
DESCRIPTION OF WORK:				DISTRIBUTION	SDR	SKETCH	DWG
Performed a ground scan (20' x 20)' area) at staked well loc	ation A8204		Survey File	OR	OR	
				B.J. Howard	1		
·				E.C. Rafuse	1		
				S.H. Worley	1		
				G.G. Kelty	1		
				E.E. Oliver	1		
DATE OF FIELD INVESTIGA	TION: 12/05/07					·	
Weather: Temp 40°F V	Wind_20 MPH	Soil Condition	ons: 🛛	Rocky Sa	ndy _	Wet 🗵	Dry
Cloudy Clear X I	P. Cloudy Fog	Depth of Inve		5 feet			
Equipment Used:				l Functional Checks Completed	i		-
50/60 Hz detector (for en	ergized lines)						
Radio Frequency Electro	magnetics (RF)						
Ground Penetrating Rada							
	etic Locator (Schonstedt)	×				
GPR Antenna(s) Used:	1000 MHz	500	MHz	☐ 400 M	Hz	300	MHz
Documentation Provided: None							
Limits of Investigation: As noted				· · · · · · · · · · · · · · · · · · ·			
EQUIPMENT LIMITATIONS:			· · · · · · · · · · · · · · · · · · ·		·		
1. Objects made of concrete, clay	pipe, PVC pipe, and fib	erglass pipe	are genera	illy not detectable.			
2. The transducers have a horizon 500 MHz is within 1 ft. of an 6 3 ft. of an existing structure.	existing structure; the 40	0 MHz is wit	hin 1 ft. of	f an existing structu	re; and th	e 300 MHz i	s within
Discussion of Findings: Client is a equipment limitations, soil /concre objects to be missed or incorrectly employees, staff and management finjury or property damage. Contract Note: No evidence of well casing of	te conditions, utility cong located. Client assumes or application of safety c tor shall not be liable for	sestion and ot such risk. It is controls durin	her factors s critical the g excavati	s beyond Contractor hat Client delegate r ion, cutting or drillir	r control r responsibi ng activitie	nay cause sultity to its	bsurface



HWIS Interface - Well History Information - Drilling

<u></u>	[D]	WELL	NAME	DRILL	DATE	START	CARD	NUMBER	DRILL	DEPTH	DRILL	DEPTH	UNITS	COMMENTS	SOURCE	DATE_(
A8204	4	699-11	1E	12/31/1	972				59	•	ft					

Available Documents:

Well ID Document Number	Document Type	Date	Description	Rev
Well ID: A8204, Well Name:	699-11-1E			
A8204 — No information av	ailable –			

Message

Page 1 of 1

Kelty, George

From:

Howard, Bonnie J

Sent:

Tuesday, January 18, 2005 10:45 AM

To:

Kelty, George

Cc:

Davis, Jerry D; Biggerstaff, Dick L; Howard, Bonnie J

Subject:

Please change status !!!!!!!!!!!!!!!!WPPSS should be ENW Well owner.xls

Attachments: WPPSS should be ENW Well owner.xls

Please change the well owner from WPPSS to ENW

[*************************************			
	899-10-4 899-10-E3C 899-10-E3C 899-10-E4C 899-10-E4C 899-10-E4C 899-11-14C 89	699-12-E4 699-13-E3D 699-13-E3D 699-13-E3D 699-13-E3D 699-13-E3D 699-13-E4D 699-13-E4D 699-13-E4D 699-13-E4D 699-13-E4D 699-13-E4D 699-13-E4D 699-13-E4D 699-13-E4D	16 EM 446 445 445 445 445 445 445 445 445 445
Wealth Wealth Asitic 499 Asitic 499 Asitic 699 Asitic 699			669 669
<u> </u>	<u> </u>		A8347 A8155 A8155 A8155 A8156 A8160

Well Name	. 0	9 þ	7	699-9-ESC	82840	82841	B2842	82671	B2862	82863	B2586	699-12-3	699-13-1	699-13-5	699-13-E16	699-14-5	699-14-E1A	699-15-3	539-15-4	699-15-E2A	699-15-E2C	699-15-E38	699-15-EJC	699-16-E4A	6994-5	639.52	639-5-E6	699-6-28	699.7-£1A	82843	82845	82894	HWD523	HWDSS4	699-13-1A	81-11-659	699-13-1C
Well to	44164		75165	A. 166	02840	B2841	82842	82871	B2882	82863	B2886	A4240	A6259	A4266	A4289	A8293	A\$300	A6316	A8317	A83 30	A\$332	ABSA	AB335	A6349	A8128	1933	A8136	25.17 0	A8147	62643	82845	B2834	82856	62859	A\$260	A8261	A8282

WELL ID	A8222	NORTHING	126858.75 FIELD ORDER	l NO
WELL NAME	699-11-E4A	EASTING	591095.267 LAST INSPEC	TION 1/1/1801
HOST WELL ID		ELEVATION	139.426 CONST DATE	
GW OPERABLE UNIT	300-FF-5	DRILL DATE	12/31/1974 CONST DEPTH	1
PROGRAMS				
WASTE SITES 50FT				
WM PLAN(S)				
WASTE STORAGE(S)				
LAST IN	SPECTION INFORMA	TION	CURRENT INSPECTIO	ON INFORMATION
WELL PAD		ES NO V ND	WELL PAD	YES NO
BRASS SURVEY MARKER	\	ES NO V ND	BRASS SURVEY MARKER	YES NO
MARKER STAMPED WITH	SURVEY DATA	ES 🗌 NO 🗹 ND	MARKER STAMPED WITH SURVEY D	ATA YES NO
MARKER STAMPED WITH	WELL ID DATA	'ES 🗌 NO 🗹 ND	MARKER STAMPED WITH WELL ID D	ATA YES NO
WELL LABELED WITH W	ELL_ID \Y	'ES 🗌 NO 🗹 ND	WELL LABELED WITH WELL ID	YES NO
WELL LABELED WITH WE	ELL NAME D	'es 🗌 no 🗹 nd	WELL LABELED WITH WELL NAME	YES NO
PROTECTIVE POSTS		'es 🗌 no 🗹 nd	PROTECTIVE POSTS	YES NO
REMOVABLE POST IN PL	ACE Y	ES 🗌 NO 🗹 ND	REMOVABLE POST IN PLACE	YES NO
WELL LOCK	<u>_</u>	es 🗌 no 🗹 nd	WELL LOCK	YES NO
WELL DAMAGED		es 🗌 no 🛂 nd	WELL DAMAGED	YES NO
WELL IS DRY		es 🗌 no 🗹 nd	WELL IS DRY	YES NO
PARTED CASING		es 🗌 no 🛂 nd	PARTED CASING	YES NO
BENTONITE IN WELL	·	es 🗌 no 🗹 nd	BENTONITE IN WELL	YES NO
WELL SANDED IN	- 	es 🗌 no 🗹 nd	WELL SANDED IN	YES NO
COLLAPSED CASING		es No 🗸 nd	COLLAPSED CASING	YES INO
EQUIPMENT IN WELL		ES NO V ND	EQUIPMENT IN WELL	YES NO
DEBRIS IN WELL		ES NO 🗹 ND	DEBRIS IN WELL	YES NO
SURFACE EROSION	! =	AJOR V ND	SURFACE EROSION	☐ MAJOR
	=	INOR		L MINOR
LAST	PUMP INFORMATIO	ONE N	CHOCKETOWN	NONE
PUMP ACTIVITY PERFORM		ISTALLED V ND	CURRENT PUMP I	INSTALLED
		ISPECTED	TOTAL MOTIVITY FER ORNED	INSPECTED
	: =	ONE		NONE
	□ RI	MOVED		REMOVED
	=	EPLACED	i.	REPLACED
		PAIRED		REPAIRED
ACTIVITY PEFORMED BY			ACTIVITY PEFORMED BY	I KEI ALKED
DATE ACTIVITY PERFORM	IED	*****	DATE ACTIVITY PERFORMED	1 1
PUMP IN WELL	☐ YE	S NO V ND	PUMP IN WELL	YES NO
PUMP TESTED	YE	S NO V ND	PUMP TESTED	YES NO
NEW PUMP	☐ YE	S NO V ND	NEW PUMP	YES NO
PUMP TYPE			PUMP TYPE	
PUMP MAKE			PUMP MAKE	
PUMP MODEL	<u> </u>		PUMP MODEL	:
PUMP INTAKE DEPTH (ft)			PUMP INTAKE DEPTH (ft)	
LAST T	UBING INFORMATIO	N	CURRENT TUBING	INFORMATION
TUBING SIZE (in)			TUBING SIZE (in)	
TUBING MATERIAL			TUBING MATERIAL	
TUBING LENGTH (ft)			TUBING LENGTH (ft)	i
TUBING CONNECTION			TUBING CONNECTION	
	UREMENT INFORMA	TION	CURRENT MEASUREMEI	NT INFORMATION
DEPTH TO WATER(ft)			DEPTH TO WATER(ft)	
DEPTH TO WATER DATE			DEPTH TO WATER DATE	
DEPTH TO BOTTOM(ft)			DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE			DEPTH TO BOTTOM DATE	
STICK UP(ft)	1		STICK UP(ft)	
REFERENCE MARK (ft)		- NO 7 NO	REFERENCE MARK (ft)	
CECKEIVLE MARK IN THE	. V=0	LINE AND AND AND A	· DEFERENCE MADE TO TOO	VEC

WELL ID	A8222	NORTHING	1 26858. 75	ETEL O OF	DED NO		
WELL ID	699-11-E4A	EASTING	591095.267	FIELD OF LAST INS		1/1/1801	
HOST WELL ID	033 11 1111	ELEVATION	139.426	CONST D		1/1/1001	<u> </u>
GW OPERABLE U	NIT 300-FF-5	DRILL DATE	12/31/1974	CONST D			
PROGRAMS							
WASTE SITES 50	FT						
WM PLAN(S)	-, 						
WASTE STORAGE	(S)						
		WELL ATTR	IBUTE COMMI	ENTS			
		CASING	INFORMATIO				
SIZE/UNITS T	OD /POT /UNITE	MATERIAL					
SIZE/ORLIS I	OP/BOT/ORITS	MATERIAL	TYPE	CONNECTION	THICKNES	5/UNITS	REMOVED
I		<u>. </u>			· .		
CHANGES							
					·		
		· · · · · · · · · · · · · · · · · · ·					
	<u></u>	SCREEN 1	INFORMATIO	N		<u> </u>	<u> </u>
SIZE/UNITS TO	OP/BOT/UNITS	MATERIAL		TYPE	SLOT SIZE	/IINTTC	DEMOVED
		· · · · · · · · · · · · · · · · · · ·		1176	3101 3126	VONTIS	REMOVED
CHANGES							
CHANGES							
				1			·
		PERFORATIO	N INFORMAT	TON			**
			THE CHAIN				
CASING SIZE/	UNITS TOP,	BOT/UNITS		CUTS/FT/ROUND			REMOVED
· · · · · · · · · · · · · · · · · · ·		'					
CHANGES							
		·					
					· · · · · · · · · · · · · · · · · · ·		
					<u> </u>		

WELL NAME	COORDINATES L 83 PLANT	CASING ELEV WELL DIAM	DRILL DEPTH COMPL DEPTH	PERF/	SCREEN		COMMENTS	
WELL TYPE PUMP TYPE	L 83 PLANT NS/EW NS/EW	DATE_COMPL			TOP	вот	PREVIOUS WELL NAMES	
699-11-E4A		454.00	78.0					一 机制化
SW	3862.00	12/74					DB-2	
699-11-E4B SW		Hanford Wells						
SH .	PNI	-8800 UC-9	003				DB-5	
699-11-E4C AB	M. A. Ch	August 1993	K. Merz				DESTROYED	
AD	Prepared for	U. S. Dept of E	nergy under				DB-14	
699-11-E4D	Contract	DE-AC06-76RI	LO 1830				DESTROYED	
AB	Pacific NW Lab	by Battelle Me	morial Institute				DB-16	
699-11-E4E	10550.00	440.50	656.0				DESTROYED	
АВ	3500.00	12/74					BH-140, DB-1	
699-11-E3A	10580.00	439.60	123.0				DESTROYED	
АВ	3478.00	12/74					DB-13	
699-11-E3B	10521.00	439.70	301.0				DESTROYED	
АВ	3478.00	12/74	76.0				DB-13A	
699-11-E3C	10735.00	442.10	300.0				DESTROYED	
AB	3435.00	12/74	77.0				DB-15	
699-11-E3D	10558.00		300.0				DESTROYED	
AB	3425.00	12/74					DB-12	
699-11-0A	11184.00							
GW	-191.00						CONS#3WPPSS2	
699-11-0B	11270.00	420.60	60.0				DESTROYED	
AB	-450.00	12/72					B-16	
699-11-1A	11515.00							
GW	-648.00						CONS#2WPPSS2	

HWIS Interface - Survey Information - Horizontal

V L_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING
A8222	699-11-E4A	UNKNOWN	NAD83	01/01/1801	CONVERTED	126858.75	591095.267

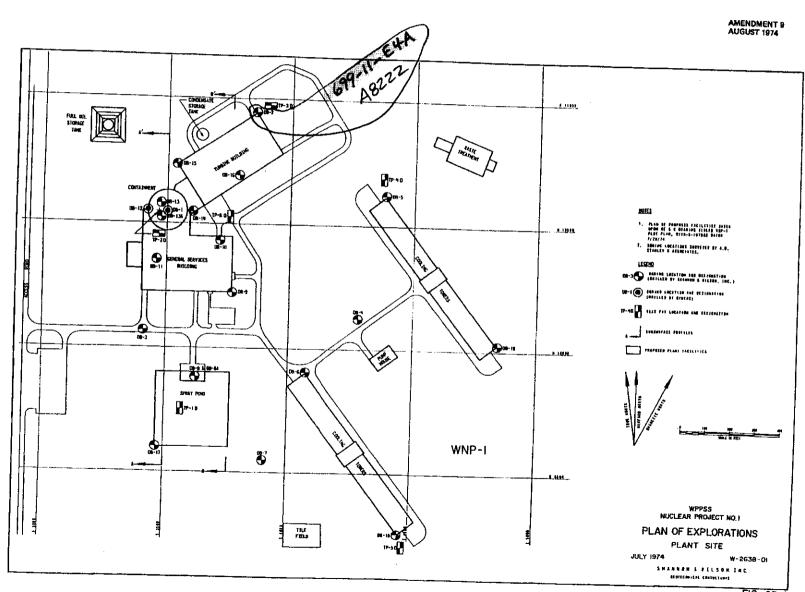
699-11-E5 (1C-SP-7)

Location: \sim N11000, E4700 11/28-461 Surface Elevation: 458.54 Air rotary, logged by Fugro for WPPSS, 1974, shothole boring

Material (8)	Thickness	Depth
Sand; variegated gray & white, fine to medium sand, predominantly basalt grains	75	75
predominantly basalt grains	. 25	100
to coarse sand, some silt, fine gravels	. 21	121

699-11-E4A (DB-2)
Location: N10947, E3862 11/28-4F1
Surface Elevation: 454.0
Hollow stem auger, logged by Shannon & Wilson
for WPPSS, 1974, WNP-1 foundation test boring

		
Material (8)	Thickness	Depth
Silty sand, loose, light brown, fine	. 6	6
Sand, loose, gray, fine to coarse, clean to silty, scattered fine gravel to		
gravelly	• 5	11
gravelly medium dense to		
very dense	. 9	20
Gravelly sand	• 9 • 5	25
11-20 ft	. 48	73
slightly silty	. 3	76
light brown, fine to coarse, clean	2	78



WPPSS Nuclear Project No. 2
Final Safety Analysis Report, Vol. 4
July 1982
Amendment No. 26
REP-070182

FIG. 2P I

THES WELL HAS BEEN DECORDED. SEE SURVEY DATE, SOND & PHOTOS. WELL ATTRIBUTES REPORT 12/10/07

FIELD ORDER NO WELL ID WELL NAME HOST WELL ID	A8222 699-11-E4A			NST DATE NST DEPTH	LAST INSPECTI NORTHING EASTING ELEVATION	12 59	/1/180 26858. 91095. 39.426	75 267
LA	ST INSPECTIO	N INFORM	ATION		CURRENT INSPECTION I	NFORM	ATION	l
WELL PAD		☐ YE	S 🔲 NO	✓ ND*	WELL PAD		YES	□ NO
BRASS SURVEY MARKER	₹	Ŭ □ YE	s 🗆 no	✓ ND*	BRASS SURVEY MARKER		YES	□ NO
MARKER STAMPED WIT	H SURVEY DATA	A DYE	s 🗆 NO	✓ ND*	MARKER STAMPED WITH SURVEY DATA		YES	□ NO
MARKER STAMPED WIT	H WELL ID DAT	A DYES	s 🗆 NO	✓ ND*	MARKER STAMPED WITH WELL ID DATA		YES	
WELL LABELED WITH W	ELL ID	☐ YES	S 🗆 NO	✓ ND*	WELL LABELED WITH WELL ID		YES	
WELL LABELED WITH W	ELL NAME	☐ YES	S 🗆 NO	✓ ND*	WELL LABELED WITH WELL NAME	+	YES	
PROTECTIVE POSTS		☐ YES	o no	✓ ND*	PROTECTIVE POSTS		YES	
REMOVABLE POST IN PL	ACE	☐ YES	NO	✓ ND*	REMOVABLE POST IN PLACE		YES	□ NO
WELL LOCK		YES	. □ NO	✓ ND*	WELL LOCK		YES	
WELL DAMAGED		☐ YES	□ NO	✓ ND*	WELL DAMAGED		YES	□ NO
WELL IS DRY		☐ YES	□ NO	✓ ND*	WELL IS DRY		YES	NO
PARTED CASING		☐ YES	□ NO	✓ ND*	PARTED CASING		YES	
BENTONITE IN WELL		YES	□ NO	✓ ND*	BENTONITE IN WELL		YES	
WELL SANDED IN	······	YES	□ NO	✓ ND*	WELL SANDED IN		YES	
OLLAPSED CASING		YES	☐ NO	✓ ND*	COLLAPSED CASING		YES	□ NO
QUIPMENT IN WELL		☐ YES	□ NO	✓ ND*	EQUIPMENT IN WELL		YES	□ NO
DEBRIS IN WELL		☐ YES	□ NO	✓ ND*	DEBRIS IN WELL		YES	□ NO
SURFACE EROSION			OR □ NON OR ☑ ND*	_	SURFACE EROSION		MAJOR MINOR	
<u> </u>	LAST PUMP IN	IFORMATIO	N		CURRENT PUMP INFO			
PUMP ACTIVITY PERFORI	MED	REP	TALLED LACED IOVED	☑ ND*	PUMP ACTIVITY PERFORMED		INSTAL REPLAC	CED
PUMP TESTED		☐ YES	□ NO	✓ ND*	PUMP TESTED			No
NEW PUMP		YES	□ NO	✓ ND*	NEW PUMP			□ NO
ACTIVITY PEFORMED BY		ND*			ACTIVITY PEFORMED BY			
DATE ACTIVITY PERFORM	1ED	!			DATE ACTIVITY PERFORMED			· · · · · · · · · · · · · · · · · · ·
PUMP TYPE		ND*			PUMP TYPE			
PUMP MAKE		ND*			PUMP MAKE		<u> </u>	
PUMP MODEL	· 	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)					PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)	-				TUBING SIZE (in)			
TUBING MATERIAL		ND*	·		TUBING MATERIAL			
JBING LENGTH (ft)					TUBING LENGTH (ft)			
UBING CONNECTION	Į.	VD*			TUBING CONNECTION		 .	

THES WELL HAS BEEN DECOMM

WELL ID A8222 WELL ID A8222 WELL ID STATE WELL NAME 699-11-E4A CONST DATE CONST DEPTH CONST DEPTH MEASUREMENT INFORMATION LAST CURRENT DEPTH TO WATER (R) DEPTH TO WATER (R) DEPTH TO WATER (R) DEPTH TO BOTTOM DATE STICK UP(R) REFERENCE MARK IS TOC YES NO NO NO YES NO PERFORATION INFORMATION ASING SIZE TOP BOTTOM CUTS/FT/ROUND CASING INFORMATION CASING INFORMATION CASING INFORMATION CASING INFORMATION TYPE CONNECTION THICKNESS SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE									L	AST INS	PECT	ION	1/1	/1801
MEASUREMENT INFORMATION MEASUREMENT INFORMATION LAST CURRENT DEPTH TO WATER (P) DEPTH TO WATER (P) DEPTH TO BOTTOM DATE STICK UP(P) REFERENCE MARK IS TOC YES NO NO YES NO PERFORATION INFORMATION ASING SIZE TOP BOTTOM CUTS/FT/ROUND CASING INFORMATION CASING INFORMATION CASING INFORMATION CASING INFORMATION CASING INFORMATION THICKNESS SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE CONNECTION THICKNESS SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE														
MEASUREMENT INFORMATION LAST CURRENT DEPTH TO WATER (P) DEPTH TO BOTTOM (P) DEPTH TO BOTTOM DATE STICK UP(P) REFERENCE MARK IS TOC YES NO NO NOP YES NO PERFORATION INFORMATION ASSING SIZE TOP BOTTOM CUTS/FF/ROUND A DEPTH TO BOTTOM OF USE AND SOURCE BOTTOM OF USE AND DEPTH TO BOTTOM	A	I A	- man a decid		-			_	E	ASTING			591	095.267
LAST CURRENT DEPTH TO WATER (PC) DEPTH TO WATER DATE DEPTH TO BOTTOM (PC) DEPTH TO BOTTOM DATE STICK UP(PC) REFERENCE MARK(PC) REFERENCE MARK(PC) REFERENCE MARK IS TOC			-	CONS	T DEPTH			_	El	EVATIO	NC		139	.426
DEPTH TO WATER DATE DEPTH TO BOTTOM (R) DEPTH TO BOTTOM DATE STICK UP(R) REFERENCE MARK IS TOC YES NO NO NO NO NO YES NO PERFORATION INFORMATION ASING SIZE TOP BOTTOM CUTS/FT/ROUND CASING INFORMATION CASING INFORMATION SIZE TOP BOTTOM MATERIAL TYPE CONNECTION THICKNESS SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE	4EN	MENT IN	FORMATION	Y				7						
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REFERENCE MARK IS TOC YES NO Y ND* YES NO PERFORATION INFORMATION ASSING SIZE TOP BOTTOM CUTS/FT/ROUND ANGES Depth to Bottom of Well Depth to Bottom of Well CASING INFORMATION CASING INFORMATION SIZE TOP BOTTOM MATERIAL TYPE CONNECTION THICKNESS SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE					•									
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HANGES Depth to Bottom of Well Depth to Bottom of Well Depth to Bottom of Casing A DEPTH TO WATER FROM TOP OF CASING B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING C TOP OF CASING TO GROUND SURFACE/PAD D TOP OF CASING TO SURVEY REFERENCE MARKER SIZE TOP BOTTOM MATERIAL TYPE CONNECTION THICKNESS ANGES SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE				_										
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Depth to Bottom of Well Depth to Bottom of Casing A DEPTH TO WATER FROM TOP OF CASING B DEPTH TO BOTTOM OF WELL FROM TOP OF CASING C TOP OF CASING TO GROUND SURFACE/PAD D TOP OF CASING TO SURVEY REFERENCE MARKER SIZE TOP BOTTOM MATERIAL TYPE CONNECTION THICKNESS IANGES SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE						İ	\parallel	\dagger	· —			-*		
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SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE	IN	INFORM	IATION			DT	OP C	OF (CASING	ro grou ro surv	IND SU EY REI	RFACI FEREN	E/PAC ICE M/) ARKER
SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE		M/	ATERIAL		TYPE	COI	NNE	:C1	ION	THIC	KNES	S		
SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE														
SCREEN INFORMATION SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE														
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SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE					· · · · · · · · · · · · · · · · · · ·			-						
SIZE TOP BOTTOM MATERIAL TYPE SLOT SIZE														
THE SLOT SIZE	IN.	INFORM	ATION			•							_	
THE SLOT SIZE		МА	TERTAL			VDE				S1 01		<u> </u>		
						11.2			<u>i</u>	SLU	I SIZE			
									·					
ANGES														
				· · · · · · · · · · · · · · · · · · ·										
														

SURVEY DATA REPORT	Γ			1	quest No. 1-036	-
iect No. Title: Well Decommissioning: Well A8222	699-	A11-1	E4A		e No. T11R28	· · · · · · · · · · · · · · · · · · ·
Job No. Prepared By 65400811.1225400 Tim Johnson CA10	Date 12/5/2007		Reviewer	Hen	ho	Page 1 of 2
DESCRIPTION OF WORK		DISTR	IBUTION	SDR	PLOT	DWG
Attempt to locate Well A8222 at coordinates given.		Survey	File	OR		
TI ' 10 11 10 11 10 11 11 11 11 11 11 11 11		E.C. Ra	ıfuse	1		
Horizontal Coordinate System: WCS83S/91 (Meters) Vertical Datum: NAVD88 (Meters)		S.H. W	orley	1		
Equipment Used: Trimble 5800 GPS Receiver.		B.J, Ho	ward	1		
• •		G.G. K	elty	1		
		E.E. Ol	iver	1		
			· <u> </u>			

SURVEY RESULTS AND COMMENTS

<u>Name</u>	Northing	Easting	Description	
A8222	126858.75	591095.27	No well found.	Set hub and lath, see photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

	SCAN DATA	REPORT			···		Request No.: 081-095	
Project No.: NA	Title: Well Decommissionin	g: Scan for V	Vell A822	2/694	7-11-	E4A	File No. : 600S-001	
Job No.: 65400811.1225400 / CA10	Prepared by: S. Wray			Date:	· · · · · · · · · · · · · · · · · · ·	Reviewer	76	Page
03400811.12234007 CA10	S. Włay			12/5/07	C	Jarry	Honk	1 of 1
DESCRIPTION OF WORK:				DISTRI	BUTION	(SEAR	SKETCH	DWG
Performed a ground scan (20' x 20)' area) at staked well loc	ation A8222		Survey F	ile	OR	OR	
				B.J. Hov	vard	1		
				E.C. Raf	use	1		
				S.H. Wo	rley	1		
				G.G. Kelty 1				
				E.E. Oliv	E.E. Oliver 1			
						·- ·- ·		
DATE OF FIELD INVESTIGAT	TION: 12/03/07							
Weather: Temp 40°F V	Weather: Temp 40°F Wind 20 MPH Soil Conditi				Sar	ndy	Wet	Dry
Cloudy Clear X F	P. Cloudy Fog	Depth of Inv	estigation	5	feet			
Equipment Used:				l Function Completed				
50/60 Hz detector (for en	ergized lines)							
Radio Frequency Electron	magnetics (RF)							
Ground Penetrating Rada	r (GPR)							
x Other (identify) Magn	etic Locator (Schonstedt	:) 	\boxtimes					
GPR Antenna(s) Used:	1000 MHz	500	MHz		400 MI	[z	300	MHz
Documentation Provided: None								
Limits of Investigation: As noted.							·	
EQUIPMENT LIMITATIONS:			·			,,,,,,,, ,		
1. Objects made of concrete, clay	pipe, PVC pipe, and fib	erglass pipe	are genera	lly not det	ectable.			
2. The transducers have a horizon 500 MHz is within 1 ft. of an e 3 ft. of an existing structure.	ntal scanning limit to exi existing structure; the 40	isting structur 0 MHz is wit	es: the 10 hin 1 ft. of	000 MHz i f an existir	s within 6 ng structur	in. of an e; and the	existing stru e 300 MHz i	cture; the s within
Discussion of Findings: Client is a equipment limitations, soil /concret objects to be missed or incorrectly employees, staff and management for injury or property damage. Contract No.	te conditions, utility cong located. Client assumes a or application of safety c	estion and ot such risk. It is controls durin r any injuries	her factors s critical ti g excavati or damag	s beyond (hat Client ion,cutting es arising	Contractor delegate re or drilling	control n esponsibi g activitie	nay cause su lity to its es to prevent	bsurface physical



HW'S Interface - Well History Information - Drilling

lvID	WELL_NAME	DRILL_DATE	START_CARD_NUMBER	DRILL_DEPTH	DRILL_DEPTH_UNITS	COMMENTS SOURCE DATE
A8222	699-11-E4A	12/31/1974		78	ft	

Message

Page 1 of 1

Kelty, George

From:

Howard, Bonnie J

Sent:

Tuesday, January 18, 2005 10:45 AM

To:

Kelty, George

Cc:

Davis, Jerry D; Biggerstaff, Dick L; Howard, Bonnie J

Subject:

Please change status !!!!!!!!!!!!!!WPPSS should be ENW Well owner.xls

Attachments: WPPSS should be ENW Well owner.xls

Please change the well owner from WPPSS to ENW

의 의 의 의 없을	699-10-3A 699-10-3C 699-10-3C 699-10-3F 699-10-EA 699-10-EA 699-10-EA 699-10-EA 699-10-EA 699-10-EA 699-10-EA	699-10-66 699-11-04 699-11-14 699-11-16 699-11-16 699-11-17 699-11-18 699-11-18 699-11-18 699-11-18 699-11-18 699-11-18 699-11-18 699-11-18 699-11-18 699-11-18	669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM 669-13-EM
We ID A4102 A4167 A4168 A4168 A4168	A170 A172 A173 A173 A176 A176 A187 A187 A187	A4196 A4200	AG284 AG285 AG285 AG286 AG300

·

•	·	• #1.
Alama (4.5.48) (5.5.5		
Well Nam 699-9-54 699-9-55 699-9-55 699-9-55 63241 82842 82842 82842 82843 82843 82843 82843	699-13-3 699-13-4 699-13-6 699-13-4 699-13-4 699-13-4 699-13-4 699-13-4 699-13-4 699-13-4 699-13-4 699-13-4 699-13-14 699-13-14 699-13-14 699-13-14 699-13-14 699-13-14 699-13-14 699-13-14	
West to Addiest Addies	A4239 A4239 A4239 A4239 A4239 A4339	

.

699-11-E4B A8223

WELL ID	A8223		NORT	HING	126762.01	FIELD ORDER NO	i	
WELL NAME	699-11-E4B		EAST	-	591254.347	LAST INSPECTION		901
HOST WELL ID				ATION	140,28	CONST DATE	1/1/1	001
GW OPERABLE UNIT	300-FF-5			L DATE	12/31/1972	CONST DEPTH		
PROGRAMS				. 541.	12/31/19/2	CONSI DEPIH		
WASTE SITES 50FT	· · · · · · · · · · · · · · · · · · ·			·				
WM PLAN(S)								
WASTE STORAGE(S)								
								·
	SPECTION IN	FORMATI	ON	-,	CUR	RENT INSPECTION I	NFORMATI	ON
WELL PAD		YES		D 🔽 ND	WELL PAD		YES	NO
BRASS SURVEY MARKET		YES	N	DI 🔽 C	BRASS SURVEY M	1ARKER	YES	NO
MARKER STAMPED WIT				O 🔽 ND	MARKER STAMPE	D WITH SURVEY DATA	YES	NO
MARKER STAMPED WIT		YES	N	O 🗹 ND	MARKER STAMPE	D WITH WELL ID DATA	YES	NO
WELL LABELED WITH W		YES	□ NO	D 🗹 ND	WELL LABELED W	/ITH WELL ID	YES	NO
WELL LABELED WITH W	ELL NAME	YES	N(O 🗸 ND	WELL LABELED W	/ITH WELL NAME	YES	NO
PROTECTIVE POSTS		YES	_ NO	D 🔽 ND	PROTECTIVE POS	TS	YES	NO
REMOVABLE POST IN PL	ACE	YES	NO	O V ND	REMOVABLE POS	T IN PLACE	YES	NO
WELL LOCK		YES	☐ NO	D V ND	WELL LOCK		YES	NO
WELL DAMAGED		YES	NC	ND V	WELL DAMAGED		YES	NO NO
WELL IS DRY		YES	□ NC		WELL IS DRY		YES	NO
PARTED CASING		YES	☐ NC		PARTED CASING		YES	NO
BENTONITE IN WELL		YES	NC		BENTONITE IN W	ELL	YES	NO
WELL SANDED IN		YES	□ NC		WELL SANDED IN		YES	NO NO
COLLAPSED CASING		YES	☐ NC		COLLAPSED CASI		YES	
EQUIPMENT IN WELL		YES	NO		EQUIPMENT IN W		YES	_ NO
DEBRIS IN WELL	· · · · · · · · · · · · · · · · · · ·	YES	NO	-=-	DEBRIS IN WELL			NO
SURFACE EROSION		MAJO		✓ ND	SURFACE EROSIO	NI		_ NO
		MINC	-	<u></u>	SOIG ACE EROSIO	i v	MAJOR	
		NONE			ļ		MINOR NONE	ŧ.
LAST	PUMP INFORM					URRENT PUMP INFO		
PUMP ACTIVITY PERFOR		-	ALLED	✓ ND	PUMP ACTIVITY P			
		_	CTED	<u></u>	TOPIC ACITATE P	EKTOKITED	_ INSTAL	
		NONE			:	i	INSPEC	CTED
	j	REMO				į	NONE	
		REPLA					L REMOV	
		REPA			!		L REPLAC	
ACTIVITY PEFORMED BY		L. KEPAL	KED				REPAIR	RED
DATE ACTIVITY PERFORM	1FD				ACTIVITY PEFORM			
PUMP IN WELL	:-L	VEC			DATE ACTIVITY PE	RFORMED		/
PUMP TESTED		YES	~	✓ ND	PUMP IN WELL		YES [NO
NEW PUMP	<u> </u>	YES		✓ ND	PUMP TESTED	1	YES	NO
PUMP TYPE		YES [i NO	✓ ND	NEW PUMP		YES [NO
PUMP MAKE				··	PUMP TYPE			
·					PUMP MAKE			
PUMP MODEL	· ·				PUMP MODEL			
PUMP INTAKE DEPTH (ft)					PUMP INTAKE DEP			
	ubing inform	MOITAN			CU	RRENT TUBING INFO	RMATION	
UBING SIZE (in)					TUBING SIZE (in)			
UBING MATERIAL	<u>_</u>				TUBING MATERIAL			
UBING LENGTH (ft)					TUBING LENGTH (f			
UBING CONNECTION					TUBING CONNECTI	ON		
	UREMENT INFO	PRMATIO	N		CURRE	NT MEASUREMENT IN	FORMATIC	ON .
EPTH TO WATER(ft)					DEPTH TO WATER(ft)		<u>-</u>
EPTH TO WATER DATE					DEPTH TO WATER			/ /
EPTH TO BOTTOM(ft)					DEPTH TO BOTTOM			
EPTH TO BOTTOM DATE					DEPTH TO BOTTOM			1 1
TICK UP(ft)					STICK UP(ft)			
FERENCE MARK(ft)		·····			REFERENCE MARK(ft)		
FERENCE MARK IS TOC		_ YES _	NO	✓ ND	REFERENCE MARK I	_ *	YFS	

WELL ID		A8223	NORTHING	126762.01	ETEL N AF	DED NO		
WELL NAME		699-11-E4B	EASTING	591254.347	FIELD OF		001	
HOST WELL I	D		ELEVATION	140.28	_ CONST D	_ 	R01	
GW OPERABL	E UNIT	300-FF-5	DRILL DATE	12/31/1972	CONST D			
PROGRAMS				12/01/15/2				
WASTE SITES	50FT							
WM PLAN(S)								
WASTE STOR	AGE(S)							
			WELL ATTR	IBUTE COMMEN	ITS			
			CASING I	NFORMATION				
SIZE/UNITS	TOP/B	OT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS (III)		
	 -				COMMECTION	THICKNESS/UNIT	S REMOVED	
			SCREEN I	NFORMATION				
SIZE/UNITS	TOP/BC	T/UNITS	MATERIAL	TY	/PE	SLOT SIZE/UNITS	REMOVED	
CHANGES								
			PERFORATIO	N INFORMATIO	N			
CASING SIZE	E/UNITS	TOP/B	OT/UNITS	CI	JTS/FT/ROUND		REMOVED	
CASING SIZE	E/UNITS	ТОР/В	OT/UNITS	CI	UTS/FT/ROUND		REMOVED	

WELL NAME WELL TYPE	COORDII	NATES PLANT	CASING ELEV			SCREEN		COMMENTS	PAGE 257
PUMP TYPE	NS/EW	NS/EW	WELL_DIAM DATE_COMPL	COMPL DEPTH DEPTH WATER	TYPE DIAM	TOP	вот	PREVIOUS WELL NAMES	
699-11-E4A SW		10947.00 3862.00	454.00	78.0					
		3002.00	12/74					DB-2	
699-11-E4B SW		10621.00	456.80	90.0					
		4390.00	12/72					DB-5	
699-11-E4C									
AB			Hanford					DESTROYED	
			PNL-8800	UC-903				DB-14	
699-11-E4D AB		N	I. A. Chamness August	& J. K. Merz 1993				DESTROYED	
		Prepa	red for U. S. De	ept of Energy un	der			DB-16	
699-11-E4E AB		C	ontract DE-AC	06-76RLO 1830				DESTROYED	
		Pacific N	w Lab by Batt	elle Memorial In	stitute			BH-140, DB-1	
699-11-E3A AB		10580.00 3478.00	439.60	123.0				DESTROYED	
			12/74					DB-13	
699-11-E3B AB		10521.00 3478.00	439.70	301.0				DESTROYED	
			12/74	76.0				DB-13A	
699-11-E3C AB		10735.00 3435.00	442.10	300.0				DESTROYED	
			12/74	77.0				DB-15	
699-11-E3D AB		10558.00 3425.00		300.0				DESTROYED	
			12/74					DB-12	
699-11-0A GW		11184.00 -191.00							
								CONS#3WPPSS2	
699-11-0B AB		11270.00 -450.00	420.60	60.0				DESTROYED	
			12/72					B-16	
699-11-1A GW	•	11515.00 -648.00							
								CONS#2WPPSS2	

HWIS Interface - Survey Information - Horizontal

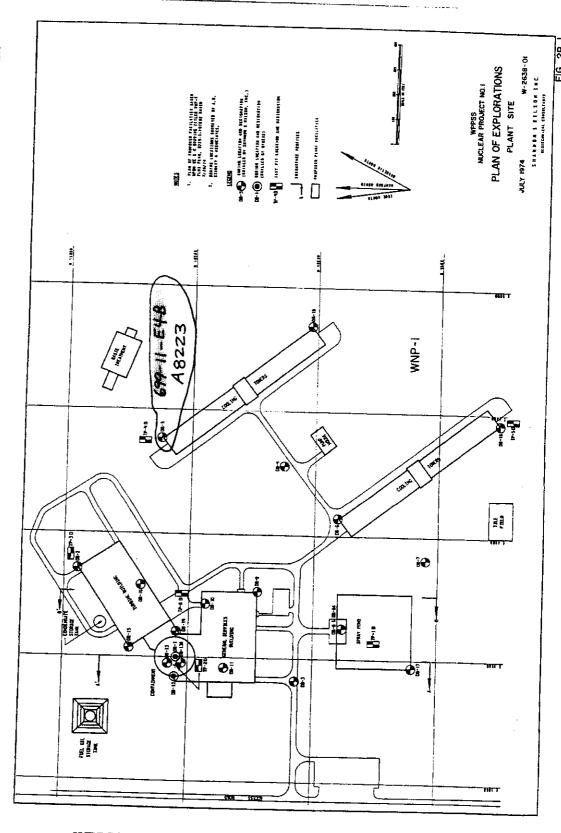
W. "LID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING
A8223	699-11-E4B	UNKNOWN	NAD83	01/01/1801	CONVERTED	126762.01	591254.347

699-11-E48 (DB-5)
Location: N10621, E4390 11/28-4F2
Surface Elevation: 456.8
Hollow stem auger, logged by Shannon & Wilson for WPPSS, 1972, WNP-1 foundation test boring

Material (8)	Thickness	Depth
Silty sand, loose, brown, fine to medium. Sand, loose to medium dense, gray to gray-	. 6	6
brown, fine to coarse, clean to slightly silty, scattered fine gravel	. 9	15
slightly silty, scattered fine gravel Sandy gravel, medium dense to very dense, gray, fine to coarse,	. 56	71
clean	. 14	85
light gray, fine to coarse, clean	. 5	90

699-11-E4C (DB-14)
Location: N10540, E3608 11/28-4F3
Surface Elevation: 443.3
Hollow stem auger (to 64 ft.) & air rotary,
logged by Shannon & Wilson for WPPSS, 1972,
WNP-1 foundation test boring

Material (8)	Thickness	Depth
Silty sand, loose, light tan, fine	. 3	3
scattered fine to coarse gravel	. 2	5
slightly silty, scattered fine to coarse gravel andy gravel, very dense, light brown, fine to coarse, clean to slightly	. 58	63
silty, scattered to numerous cobbles	. 47 . 190	110 300



WPPSS Nuclear Project No. 2 Final Safety Analysis Report, Vol. 4 July 1982 Amendment No. 26 REP-070182

THIS WALL HAS BEEN DECOMMAN. SEE SURVEY SCAN & DATA REPORT WELL ATTRIBUTES REPORT 12/10/0

LAST INSPE		COR	NST DATE NST DEPTH	EASTING ELEVATION	-	91254 40.28	.347
	CTION INFORMAT	ION		CURRENT INSPECTION I	NEORM	ATTOR	<u> </u>
WELL PAD	YES	□ NO	✓ ND*				
BRASS SURVEY MARKER	YES	□ NO	✓ ND*			YES	NO
MARKER STAMPED WITH SURVEY			✓ ND*			YES	NO
MARKER STAMPED WITH WELL ID				MARKER STAMPED WITH WELL ID DATA		YES	NO
WELL LABELED WITH WELL ID			✓ ND*			YES	NO
WELL LABELED WITH WELL NAME		NO	✓ ND*	WELL LABELED WITH WELL NAME		YES	□ NO
PROTECTIVE POSTS	YES	<u> </u>	✓ ND*	PROTECTIVE POSTS		YES	□ NO
REMOVABLE POST IN PLACE	YES	NO NO	✓ ND*			YES	
WELL LOCK	YES	∟ NO	✓ ND*	REMOVABLE POST IN PLACE		YES	□ NO
WELL DAMAGED	YES _	<u>NO</u>	✓ ND*	WELL LOCK		YES	□ NO
WELL IS DRY	YES	_ UO	✓ ND*	WELL DAMAGED		YES	□ NO
PARTED CASING	YES	NO	✓ ND*	WELL IS DRY		YES	□ NO
	☐ YES	□ NO	✓ ND*	PARTED CASING		YES	□ NO
BENTONITE IN WELL	YES	□ NO	✓ ND*	BENTONITE IN WELL		YES	□ NO
WELL SANDED IN	☐ YES	□ NO	✓ ND*	WELL SANDED IN		YES	
OLLAPSED CASING	YES	□ NO	✓ ND*	COLLAPSED CASING		/ES	
QUIPMENT IN WELL	☐ YES	□ NO	✓ ND*	EQUIPMENT IN WELL		/ES	NO NO
DEBRIS IN WELL	☐ YES	□ NO	✓ ND*	DEBRIS IN WELL			NO NO
SURFACE EROSION	☐ MAJOR	□ NONE		SURFACE EROSION	- <u></u> -	ES_	□ NO
		✓ ND*				1AJOR 1INOR	NONE
	INFORMATION			CURRENT PUMP INFOR	OITAM	N	
PUMP ACTIVITY PERFORMED	☐ INSTAL			PUMP ACTIVITY PERFORMED		NSTAL	LED
	REPLAC		✓ ND*		F	REPLAC	ED
PUMP TESTED	REMOV					REMOV	í
NEW PUMP	YES	NO	✓ ND*	PUMP TESTED	□ Y	'ES	□ NO
ACTIVITY PEFORMED BY	YES YES	□ NO	✓ ND*	NEW PUMP	□ Y	ES	□ NO
	ND*			ACTIVITY PEFORMED BY			
DATE ACTIVITY PERFORMED				DATE ACTIVITY PERFORMED			
PUMP TYPE	ND*			PUMP TYPE			
PUMP MAKE	ND*			PUMP MAKE	-	,	
PUMP MODEL	ND*			PUMP MODEL			
PUMP INTAKE DEPTH (ft)				PUMP INTAKE DEPTH (ft)			
TUBING SIZE (in)	İ			TUBING SIZE (in)			
TUBING MATERIAL	ND*		! [TUBING MATERIAL			
JBING LENGTH (ft)		, <u></u>		TUBING LENGTH (ft)	<u>-</u>		
"UBING CONNECTION	ND*			TUBING CONNECTION			

THE WELL ARE BEEN DECOMM.

	RDER NO						L	AST INSPECT	ION	1/1/1801
WELL II		A8223		60 N. e			N	IORTHING		126762.01
HOST W		699-11-E4	PB	CONST DATE CONST DEPTH				ASTING		591254.347
				COM21 DEALM			E	LEVATION		140.28
		MEASURE	MENT INFORMATION	N	-					
			LAST	CURRENT			, <u> </u>	<u>ÎD</u> ∫c	\uparrow	1
A DEPTH	TO WATER	(ft)								
DEPTH	TO WATER	DATE]		<u>_</u> _	ļ	
B DEPTH	то вотто	M(ft)			\dashv					
DEPTH '	ТО ВОТТО	M DATE		<u> </u>	_					
C STICK L	JP(ft)				_				A	
DREFERE	NCE MARK	(ft)			-					
REFERE	NCE MARK	IS TOC	s 🗆 no 🗹 nd		_	$\ \cdot\ $				В
		·			_]			İ	
		PERFORAT	ION INFORMATION	I						
CASING S	SIZE T	OP BOTTON	CUTS/FT/ROUND		1					
				ner!		-	₩ Dep	th to Water	<u> </u>	
							<u> </u> 			
HANGES										
							Depth :	to Bottom of V	Mali	
										Bottom of Casing
					A DE	PTH '	TO WATE	R FROM TOP OF	CASIN	IG
			·		B DE	PTH T P OF	FO BOTT(OM OF WELL FRO TO GROUND SUI	DM TOP	P OF CASING
		CASING	INFORMATION		D TO	P OF	CASING	TO SURVEY REF	ERENC	PAD E MARKER
SIZE	TOP	воттом	MATERIAL	TYPE	CON	NEC	TION	THICKNES		
		<u> </u>							_	
HANGES										
		·								
										
		CCDEEN	MEODIATION							
		SCREEN !	INFORMATION							
SIZE	ТОР	воттом	MATERIAL	TYI	PE		-	SLOT SIZE		
i		<u> </u>								
ANGES										
										
		· · · · · · · · · · · · · · · · · · ·								

	Request No. 081-036						
Tinject No.	Title: Well Decommissioning: Well A8223	e No. T11R28					
Job No. 65400811.1225400 CA10	Prepared By Tim Johnson	Date Reviewer 12/5/2007		Her	fer	Page 1 of 2	
	DESCRIPTION OF WORK		DISTR	IBUTION	SDR	PLOT	DWG
Attempt to locate well A8	223 at coordinates given.		Survey File		OR		
			E.C. Ra	fuse	1		
			S.H. Worley		1		
Horizontal Coordinate Sy	stem: WCS83S/91 (Meters)		B.J, Ho	ward	1		
Vertical Datum: NAVD88 (Meters) Equipment Used: Trimble 5800 GPS Receiver.			G.G. Ke	elty	1		
			E.E. Oliver		1		·

SURVEY RESULTS AND COMMENTS

Name	<u>Northing</u>	Easting	<u>Description</u>
A8223	126762.01	591254.35	No well found. Set hub and lath. See Photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

·	Request No.: 081-095							
Project No.: VA	Title: Well Decommissionin	ng: Scan for V	Well A822	3/679-	· //-£	48	File No. : 600S-001	
Job No.: 65400811.1225400 / CA10	Prepared by: S. Wray			Date: 12/5/07		Reviewer	1//	Page l of l
DESCRIPTION OF WORK:				DISTRIBU	TION	SĐR	SKETCH	DWG
Performed a ground scan (20' x	20' area) at staked well loc	cation A8223		Survey File	•	OR	OR	
	•			B.J. Howa	rd	1		
				E.C. Rafus	e	1		
	S.H. Worle	y	1					
				G.G. Kelty		1		
			•	E.E. Oliver		1		
DATE OF FIELD INVESTIG	ATION: 12/03/07		·	<u>, </u>				
Weather: Temp 40°F	Wind 20 MPH	Soil Condition	ons: 🛛	Rocky	Sar	idy [] Wet [Dry
Cloudy Clear	P. Cloudy Fog	Depth of Inv	estigation	_5	feet		······	
Equipment Used:				l Functional Completed	Checks		- 1, ,,, , ,,, ,,,,,,,,,,,,,,,,,,,,,,,,	
50/60 Hz detector (for e	energized lines)							
Radio Frequency Electr	comagnetics (RF)							
Ground Penetrating Rad	dar (GPR)							•
x Other (identify) Mag	gnetic Locator (Schonstedt	t)	☒					
GPR Antenna(s) Used:	1000 MHz	500) MHz		400 MF	Iz	300	MHz
Documentation Provided: None								
Limits of Investigation: As noted	1.							
EQUIPMENT LIMITATIONS	j:						* .	
1. Objects made of concrete, cl	ay pipe, PVC pipe, and fit	berglass pipe	are genera	illy not detec	table.			
2. The transducers have a horiz 500 MHz is within 1 ft. of an 3 ft. of an existing structure.	ontal scanning limit to exit existing structure; the 40	isting structur O MHz is wit	res: the 10 thin 1 ft. of	000 MHz is v f an existing	vithin 6 structur	in. of an e; and th	existing stru e 300 MHz i	cture; the s within
Discussion of Findings: Client is equipment limitations, soil /concr objects to be missed or incorrectly employees, staff and management injury or property damage. Contra	rete conditions, utility cong y located. Client assumes for application of safety of	gestion and of such risk. It is controls during or any injuries	ther factors is critical ting excavations or damag	s beyond Co. hat Client de ion, cutting o es arising fro	ntractor legate re r drilling	control r esponsibi g activition	nay cause su lity to its es to prevent	bsurface physical

HWIS Interface - Well History Information - Drilling

W. ID WELL_N	IAME DRILL_DAT	E START_CA	RD_NUMBER DRILL	_DEPTH DRILL_DEP	TH_UNITS C	OMMENTS	RCE DATE_(
A8223 699-11-E	4B 12/31/1972		90	ft			

699-17-26**M** C3787

WELL ID	C3787		THING	128810.593 FIELD ORDER NO	
WELL NAME	699-17-26M	EAS	ING	582058.747 LAST INSPECTIO	N <u>1/1/1801</u>
HOST WELL ID		ELE\	ATION	CONST DATE	
GW OPERABLE UNIT	200-PO-1	DRI	LL DATE	CONST DEPTH	
PROGRAMS					
WASTE SITES 50FT					
WM PLAN(S)					
WASTE STORAGE(S)					
LAST IN	SPECTION INFOR			CURRENT INSPECTION	
WELL PAD			NO 👱 ND	WELL PAD	YES NO
BRASS SURVEY MARKER			NO 🗹 ND	BRASS SURVEY MARKER	YES NO
MARKER STAMPED WITH			NO 🗹 ND	MARKER STAMPED WITH SURVEY DATA	
MARKER STAMPED WITH			NO 🗹 ND	MARKER STAMPED WITH WELL ID DATA	-
WELL LABELED WITH W			NO 🗹 ND	WELL LABELED WITH WELL ID	YES NO
WELL LABELED WITH W	ELL NAME		NO V ND	WELL LABELED WITH WELL NAME	YES NO
PROTECTIVE POSTS			NO 🗸 ND	PROTECTIVE POSTS	YES NO
REMOVABLE POST IN PL	ACE		NO 🗹 ND	REMOVABLE POST IN PLACE	YES NO
WELL LOCK			NO V ND	WELL LOCK	YES NO
WELL DAMAGED			NO 🗹 ND	WELL DAMAGED	YES NO
WELL IS DRY			NO 🗸 ND	WELL IS DRY	YES NO
PARTED CASING		===	NO 🗹 ND	PARTED CASING	YES NO
BENTONITE IN WELL	<u>i_</u> _		NO 🗹 ND	BENTONITE IN WELL	YES NO
WELL SANDED IN			NO ⊻ ND	WELL SANDED IN	YES NO
COLLAPSED CASING			NO 🛂 ND	COLLAPSED CASING	YES NO
EQUIPMENT IN WELL			NO 🗹 ND	EQUIPMENT IN WELL	YES NO
DEBRIS IN WELL			NO 🔽 ND	DEBRIS IN WELL	YES NO
SURFACE EROSION	! !-	MAJOR	⊻ ND	SURFACE EROSION	MAJOR
i I	:	MINOR			MINOR
		NONE		OURDEATH BUILD THE	NONE
	PUMP INFORMAT		NO	CURRENT PUMP INF	
PUMP ACTIVITY PERFOR	RMED	INSTALLE		PUMP ACTIVITY PERFORMED	INSTALLED
	: <u>L</u>	INSPECTI	יט	: !	INSPECTED NONE
		NONE			=
İ		REMOVE			REMOVED REPLACED
		j REPLACE I DEPAZDE			REPAIRED
		REPAIRE	<u>, </u>	ACTIVITY DEFORMED BY	REPAIRED
ACTIVITY PEFORMED BY				ACTIVITY PEFORMED BY	· · · · · · · · · · · · · · · · · · ·
DATE ACTIVITY PERFOR	MED	VEC	NO E NO	DATE ACTIVITY PERFORMED	VEC NO
PUMP IN WELL			NO 🗹 ND	PUMP IN WELL	YES NO
PUMP TESTED			NO 🛂 ND	PUMP TESTED	YES NO
NEW PUMP] 1E3 [NO W ND	NEW PUMP PUMP TYPE	TES NO
PUMP TYPE	-			PUMP MAKE	
PUMP MAKE				PUMP MODEL	
PUMP MODEL PUMP INTAKE DEPTH (ft	· ·			PUMP INTAKE DEPTH (ft)	
PUMP INTAKE DEPTH (II	,				
LAST	<u>'</u>	TTON		CURRENT TURING IN	FORMA: ION
<u> </u>	TUBING INFORMA	TION		CURRENT TUBING IN	FORMATION
TUBING SIZE (in)	<u>'</u>	TION		TUBING SIZE (in)	FORMATION
TUBING SIZE (in) TUBING MATERIAL	<u>'</u>	TION		TUBING SIZE (in) TUBING MATERIAL	FORMATION
TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft)	<u>'</u>	TION		TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft)	FORMATION
TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION	TUBING INFORMA			TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION	
TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA	<u>'</u>			TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION CURRENT MEASUREMENT	
TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER(ft)	TUBING INFORMA			TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION	
TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER(ft) DEPTH TO WATER DATE	TUBING INFORMA			TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION CURRENT MEASUREMENT DEPTH TO WATER(ft)	
TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER(ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft)	TUBING INFORMA			TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION CURRENT MEASUREMENT DEPTH TO WATER(ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft)	
TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER(ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft) DEPTH TO BOTTOM DAT	TUBING INFORMA			TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION CURRENT MEASUREMENT DEPTH TO WATER(ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft) DEPTH TO BOTTOM DATE	
TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION LAST MEA DEPTH TO WATER(ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft)	TUBING INFORMA			TUBING SIZE (in) TUBING MATERIAL TUBING LENGTH (ft) TUBING CONNECTION CURRENT MEASUREMENT DEPTH TO WATER(ft) DEPTH TO WATER DATE DEPTH TO BOTTOM(ft)	

WELL ID	C3787	NORTHING	128810.593	FIELD ORI	FIELD ORDER NO				
WELL NAME	699-17-26M	EASTING	582058.747	LAST INSF	PECTION 1/1/1801				
HOST WELL ID		ELEVATION		CONST DA					
GW OPERABLE UN	T 200-PO-1	DRILL DATE		CONST DE	PTH				
PROGRAMS									
WASTE SITES 50FT									
WM PLAN(S)									
WASTE STORAGE(S	" ———								
		WELL ATTR	IBUTE COMME	NTS					
		CASING	INFORMATION	<u> </u>					
SIZE/UNITS TO	D/ROT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/UNITS	REMOVED			
SIZE/UNIIS IU	P/BOI/URIIS	PIATENAL		30					
		CODEEN	TNEODMATTO						
			INFORMATIO	TYPE	SLOT SIZE/UNITS	REMOVED			
SIZE/UNITS TO	P/BOT/UNITS	MATERIAL		ITPE	SLOT SIZE/ONLTS	REMOVED			
CHANGES									
		PERFORATI	ON INFORMAT	TON		<u> </u>			
CASING SIZE/U	INITS TOP/	BOT/UNITS		CUTS/FT/ROUND)	REMOVED			
						<u> </u>			
CHANGES									
						<u> </u>			

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIER
C3787	699-17-26M	BHI	NAD83(91)	09/24/2001	GPS	128810.593	582058.747	m	Р

12/27-33A8

699-17-26M (E-14)
Location: ~N17444, W25770 12/27Surface Elevation: 516.4
Hollow stem auger, drilled by Carman Water
Wells for NESCO, 1981, foundation test boring

Material (38)		Th	nickness	Depth
Loose, dark-yellowish-brown, silty fine to medium sand. Medium dense to very dense, varicolored to olive-black,	•	•	4	4
clean, fine to medium sand Very dense, varicolored to	•	•	19	23
olive-gray, silty fine sand Very dense, varicolored to olive-black, clean, fine to	•	•	5	28
medium sand		•	} 40	4
olive-gray, clean, gravelly fine to medium sand Very dense, varicolored to	•	•	15	83
olive-black, clean, sandy fine to coarse gravel			2	85

SEE SURVEY REPORT - WELL DECOMM

FIELD ORDER NO		DRILL DATE			last inspecti Northing	128	810.59
WELL ID	6378		• •		FASTING	58	2058 7
WELL NAME	674-17	76/1		st date St depth	ELEVATION		
HOST WELL ID			Coire	a i në Liti		<u>_</u>	
	T INSPECTIO	N THEORMAT	TON		CURRENT INSPECTION I	NFORMATIC	
<u></u>	1 THOPEOLIS	☐ YES	□ NO	ימא 🗆	WELL PAD	. YES	ОиО
WELL PAD		 	ON []	יסא <u></u>	IRPASS SURVEY MARKER	☐ YES	סא ב
BRASS SURVEY MARKER				□ ND*	MADYED STAMPED WITH SURVEY DATA	YES	ON D
MARKER STAMPED WITH		YES	<u> </u>		MARKED STAMPED WITH WELL ID DATA	☐ YES	: D. NO
MARKER STAMPED WITH			<u> </u>	[] ND*	THE LANCE OF WATER WELL-TO	☐ YES	D No :
WELL LABELED WITH WE		YES YES	סא 🗀	□ ND*	WELL NAME	☐ YES	□ NO
WELL LABELED WITH WE	ELL NAME	YES	□ .NO	<u>П</u> мр*	PROTECTIVE POSTS	☐ YES	□. NO
PROTECTIVE POSTS		YES	<u>04, U</u>	<u> </u>	REMOVABLE POST IN PLACE	☐ YES	□ NO-
REMOVABLE POST IN PLA	CE	☐ YES	<u> </u>	· 🗀 ир*	WELL LOCK	YES	סא 🛘
WELL LOCK	,	☐ YES		□ *GN	WELL DAMAGED	YES	□ NO
WELL DAMAGED		YES YES	□ NO	□ ND*			□ NO
WELL IS DRY		☐ YES	. □ NO	□ ND*	WELL IS DRY	YES.	. □ NO
PARTED CASING		☐ Yzs	□ №	∴ □ ND*.	PARTED CASING	- YES	ON □
BENTONITE IN WELL		☐ YES	. □ ио	אָסא 🗆	BENTONITE IN WELL	YES	□. NO
WELL SANDED IN		☐ YES	□ NO.	. 🔲 ND*	WELL SANDED IN	YES	סא 🗅
COLLAPSED CASING		YES_	1□ NO .	.□ ND*	COLLAPSED CASING	YES Y	
EQUIPMENT IN WELL		☐ YES	□ NO	. □ ND*	EQUIPMENT IN WELL	YES	
DEBRIS IN WELL		☐ YES	םא 🗆	□ ND*	DEBRIS IN WELL CURRENT PUMP INFO	YES YES	_ Ох 🗀
· ·	ST PUMP INF	ORMATION		·		INST/	SI 4 FD
PUMP ACTIVITY PERFORM	ED	INSTA	LLED	_	PUMP ACTIVITY PERFORMED.	REPLA	
		☐ REPLĄ	CED	⊢ אסא		REMO	
		REMO			PUMP TESTED	YES.	□ NO
UMP TESTED		YES ·	סא 🗔	<u> </u>	<u> </u>	_=	D NO
IEW PUMP		YES	□. NO	ַ +מא □	NEW PUMP	LJ_YES	_ <u> </u>
CTIVITY PEFORMED BY		·			ACTIVITY PEFORMED BY		
ATE ACTIVITY PERFORME	ID .		:		DATE ACTIVITY PERFORMED	. · ·	
UMP TYPE					PUMP TYPE		
UMP MAKE					PUMP MAKE	<u> </u>	
JMP MODEL			 .		PUMP MODEL		
JMP INT AKE DEPTH (A)					PUMP INTAKE DEPTH (ft)		
BING SIZE (In)				· · ·	TUBING SIZE (in)		
BING MATERIAL	 - - - - - - - - 	<u></u>	· · · · · · · · · · · · · · · · · · ·		TUBING MATERIAL		
BING LENGTH (ft)				z	TUBING LENGTH (ft)	.	
					TUBING CONNECTION :		
BING CONNECTION .	ľ						

SEE SURVEY REPORT - WELL DECOMM.

WELL ATTRIBUTES REPORT

WELL	order'n Id Name Well Id		3787 -17-2681	DRILL DATE CONST DATE CONST DEPTH		Last inspection northing easting elevation	128810.59 582058.75
		MEASU	rement informatio	ν			<u> </u>
			LAST	CURRENT			
ADEPT	H TO WAT	ER(ft)				<u> </u>	
DEPT	TAW OT H	ER DATE					
BDEPT	TOB OT. H	OM(ft)					
DEPT	н то вотт	OM DATE					4
CSTICK	(UP(ft)				<u> </u>		
DREFER	RENCE MAR	K(ft)					В
REFER	ENCE MAR	K IS TOC	YES ONO NO	* TES T NO			
		PERFOR	ation information			: .	
CASING	SIZE	TOP BOTT	OM CUTS/FT/ROUND			lepth to Water	
							
CHANGE	<u> </u>		·		neu neu	h to Bottom of Well	
							Bottom of Casing
					A DEPTH TO WA	ter fro <i>m t</i> op of CAS Tom of Well from t	ING
-		casin	g information		C TOP OF CASIN	g to survey referen	M/PAD
SIZE	TOP	воттом	MATERIAL	TYPE	CONNECTION	THICKNESS	
Ŀ	<u> </u>	<u></u>					
CHANGES	· .	<u>.</u>	<u> </u>	.,			•
 	·		<u></u>	- 	; ;		
							
· .		SCREEN	Information				
SIZE	TOP	воттом	MATERIAL		PE	SLOT SIZE	
					· ·		
<u></u>		<u> </u>					•
HANGES-	·		. • •				
							

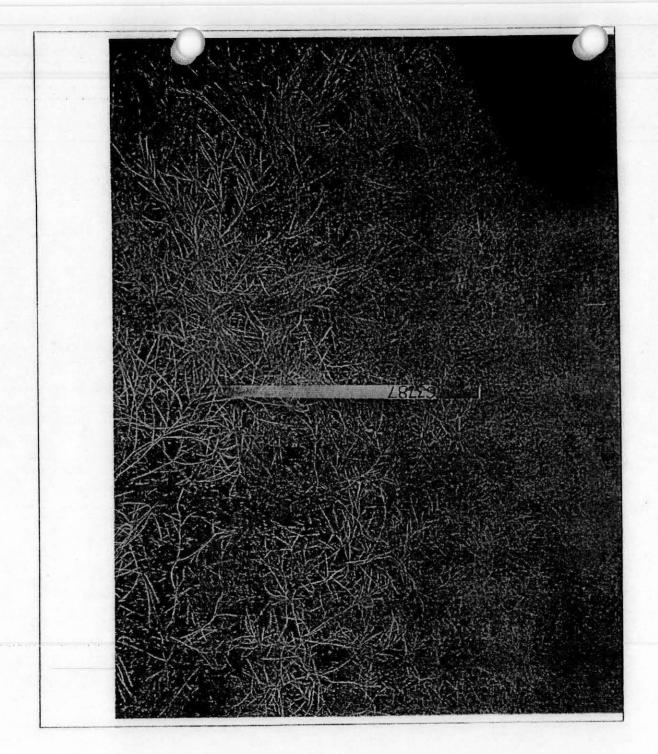
ND* - Not Documented 8HI-EE-231 (01/20/02)

		uest No. -0177				
Project No. N/A	Title: Survey Decommissiong Wells	File 6T1				
Job No. 65400811.122540	Prepared By Tim Johnson	1		He	Na	Page 1 of 2
	DESCRIPTION OF WORK	DISTRIBUTION	SDR	PLOT	DWG	
set hub and lath.	on for C3787. If found, fill out WAR Rep Take photo. n: US State Plane 1983 Washington South 4602 NAD 1983 (Conus) NAVD 1988 Geoid03	port. If not found,	Survey File B. Howard C. Wright G. Kelty E. Rafuse	OR. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

SURVEY RESULTS AND COMMENTS

Well ID# C3787 was not found at listed coordinates: N128810.59 E582058.75 Set hub and lath. Took Photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



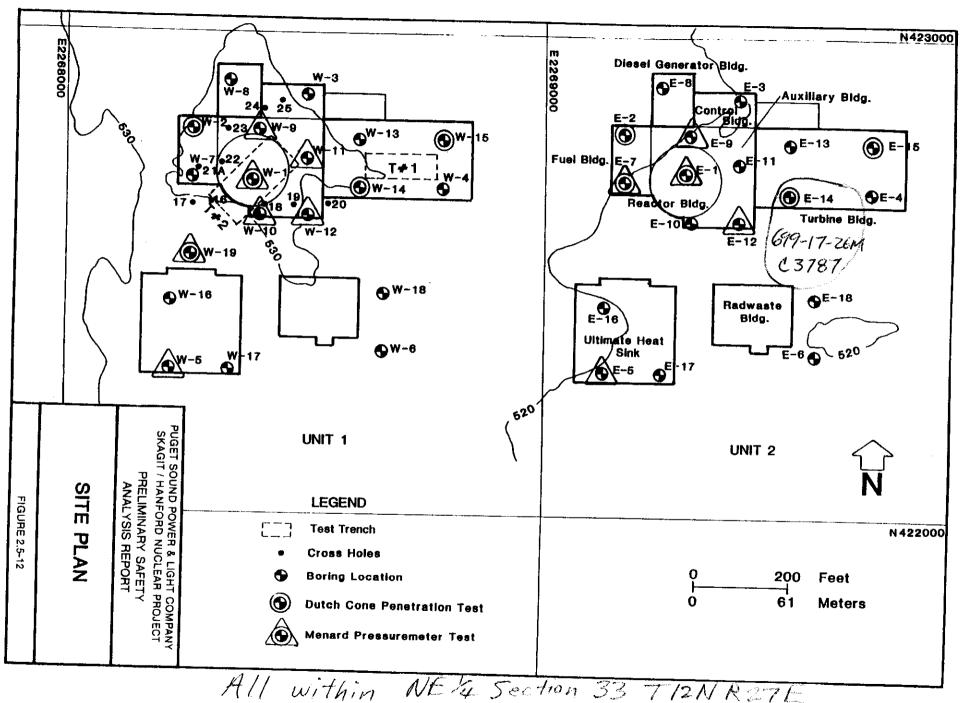
This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.

E-NW-246 (09/04)



relacise man prison, prison see seem proving fres (18182) mile 19

Survey □ Scan	SUR	VEY REQUEST			Request No	1 1	1		_
Project No.	Tale			0		- c	1	7	7
N/A	Survey Decom. Wells (li	sted below\			ile No.		1		
Joh No	Requested By		Phone	6		1 ! -	R	2	7
65400811.122540	Ed Rafuse		373-5491/539-38		Xate Require	d	''		
Field Contact		Organization	Phone Phone		ISAP				
Ext Rafuse		FII	373-5491/539-38		Ocation	4			
1	REFERENCE DOCUMENTS				10413/107/				
See attached request and we	If tocation map		GRID SYSTI		DISTRIBUTION Survey File				
			Plant	ि	Rature			<u> </u>	
			☐ Area	8	Howard				
	LOCATION OF WORK		Geographic	<u> </u>	Davis				
Adjacent to LIGO facility.			SWP	IONS G	. Kelly				
			☐ Mask	<u> </u>				-+	
}			Operator					╌┼	
		SPECIAL INSTR	Exclusion En	lrv				_ [_
		South mark	(ACTIONS						
2	ell Locations: C3792, C3793								
·		***							_
Prepared By		Date	Y :-						1
JMS		02/08/07	Kevsewed	By					7
		NOTES/COMMI	A LINE						
Lend Surveyor/Crew		MITES COMMI	MIS]
		· · <u></u>					t:		
		_							
Date:	Signature:	· · · · · · · · · · · · · · · · · · ·		·		·			1



Amendment N

699-17-26Q C3788

WELL ID	C3788	NORTHING	128703.85 FIELD ORDER N	10
WELL NAME	699-17-26Q	EASTING	581976.56 LAST INSPECTION	ON 1/1/1801
HOST WELL ID		ELEVATION	CONST DATE	
GW OPERABLE UNIT	200-PO-1	DRILL DATE	CONST DEPTH	
PROGRAMS				
WASTE SITES 50FT		-		
WM PLAN(S)				
WASTE STORAGE(S)				
1 4 6 7 7 1	COCCTION THEODY			
WELL PAD	SPECTION INFORMAT		CURRENT INSPECTION	
BRASS SURVEY MARKER	YE			YES NO
			BRASS SURVEY MARKER	YES NO
MARKER STAMPED WITH			MARKER STAMPED WITH SURVEY DAT	
MARKER STAMPED WITH WELL LABELED WITH WI			MARKER STAMPED WITH WELL ID DAT	
WELL LABELED WITH WI			WELL LABELED WITH WELL ID	YES NO
PROTECTIVE POSTS			WELL LABELED WITH WELL NAME	YES NO
REMOVABLE POST IN PL	ACE YE	_= =	PROTECTIVE POSTS	YES NO
WELL LOCK	YE		REMOVABLE POST IN PLACE	YES NO
WELL DAMAGED	YE		WELL LOCK	YES NO
WELL IS DRY	YE		WELL DAMAGED	YES NO
PARTED CASING	YE:		WELL IS DRY	YES NO
BENTONITE IN WELL	YE:		PARTED CASING	YES NO
WELL SANDED IN	YES		BENTONITE IN WELL	YES NO
COLLAPSED CASING	YES		WELL SANDED IN	YES NO
EQUIPMENT IN WELL	☐ YES		COLLAPSED CASING	YES NO
DEBRIS IN WELL	YES		EQUIPMENT IN WELL DEBRIS IN WELL	YES NO
SURFACE EROSION		OR V ND		YES NO
SONI ACE ENOSION	! =	IOR VIND	SURFACE EROSION	MAJOR
•	NO			MINOR
LAST	PUMP INFORMATION	* L.	CURRENT PUMP INF	NONE
PUMP ACTIVITY PERFORM		TALLED V ND	PUMP ACTIVITY PERFORMED	INSTALLED
		PECTED		INSPECTED
	NOI		!	NONE
	= =	OVED		REMOVED
	REP	LACED		REPLACED
	REP	AIRED		REPAIRED
ACTIVITY PEFORMED BY			ACTIVITY PEFORMED BY	
DATE ACTIVITY PERFORM	IED		DATE ACTIVITY PERFORMED	1 1
PUMP IN WELL	; TYES	□ NO 🗹 ND	PUMP IN WELL	YES NO
PUMP TESTED	YES	□ NO 🗹 ND	PUMP TESTED	YES NO
NEW PUMP	☐ YES	□ NO ✓ ND	NEW PUMP	YES NO
PUMP TYPE			PUMP TYPE	
PUMP MAKE			PUMP MAKE	
PUMP MODEL			PUMP MODEL	
PUMP INTAKE DEPTH (ft)			PUMP INTAKE DEPTH (ft)	
	UBING INFORMATION		CURRENT TUBING IN	FORMATION
TUBING SIZE (in)			TUBING SIZE (in)	1
TUBING MATERIAL	:		TUBING MATERIAL	
TUBING LENGTH (ft)	· · · · · · · · · · · · · · · · · · ·		TUBING LENGTH (ft)	
TUBING CONNECTION			TUBING CONNECTION	
	UREMENT INFORMATI	ON	CURRENT MEASUREMENT	INFORMATION
DEPTH TO WATER (ft)			DEPTH TO WATER(ft)	
DEPTH TO WATER DATE			DEPTH TO WATER DATE	
DEPTH TO BOTTOM(ft)			DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE	<u> </u>		DEPTH TO BOTTOM DATE	
STICK UP(ft)			STICK UP(ft)	
REFERENCE MARK(ft)	<u> </u>		REFERENCE MARK(ft)	
REFERENCE MARK IS TOC	YES	NO 🗸 ND	REFERENCE MARK IS TOC	VEC NO

WELL ID WELL NAME HOST WELL ID GW OPERABLE UNIT PROGRAMS WASTE SITES 50FT WM PLAN(S) WASTE STORAGE(S)		C3788 699-17-26Q 200-PO-1	NORTHING EASTING ELEVATION DRILL DATE	128703.85 581976.56			1/1/180	1
			WELL ATTR	IBUTE COMM	ENTS			
			CASING	INFORMATIO	N			
SIZE/UNITS	TOP/B	OT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS	/UNITS	REMOVED
			SCREEN 1	INFORMATIO	N			
SIZE/UNITS	TOP/B	OT/UNITS	MATERIAL		TYPE	SLOT SIZE	/UNITS	REMOVED
CHANGES								
	-		PERFORATIO	N INFORMAT	ION	<u> </u>		-
CASING SIZE/UNITS		TOP/E	TOP/BOT/UNITS		CUTS/FT/ROUND		REMOVE	
HANGES								
								

ormation System

`age 1 of 1
Que., HWIS again

HWIS Interface - Survey Information - Horizontal

. .

\$	WELL_NAME	· · · · · · · · · · · · · · · · · · ·	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIEF
C3788	699-17-26Q	вні	NAD83(91)	09/24/2001	GPS	128703.85	581976.56	m	Р

699-17-260 (E-17)
Location: ~N17065, W26041 12/27-33A10
Surface Elevation: 515.6
Hollow stem auger, drilled by Carman Water
Wells for NESCO, 1981, foundation test
boring

Material (38)	Th	ickness	Depth	
Loose, dark-yellowish-brown,				
slightly silty fine to medium sand		_		
Medium dense, varicolored to	• •	5	5	
olive-gray, silty fine sand		5	10	
Medium dense to dense.	- •	-	10	
varicolored to olive-black,				
clean, fine to coarse sand w/scattered gravel				
Very dense, varicolored to	• •	13	23	
olive-gray, slightly silty				
fine sand		10	33	
Very dense, varicolored to				
olive-gray, clean, fine to medium sand w/scattered				
gravel		25		
Very dense, varicolored to	. 7	35 •	68	
olive-gray, slightly silty	5	4	•	
fine sand	٠, ٢			
/ery dense, varicolored to olive-black, clean, gravelly				
fine to coarse sand		24		
	<u> </u>	24	92	

SEE SURIDY REPORT - WELL DECOMM.

	17-260	DRILL CONST CONST		LAST INSPECT NORTHING EASTING ELEVATION	128	703.85 1971.56
HOST WELL ID			, . ,	CURRENT INSPECTION	TAREOD MATTE	אַל
LAST INSPECTI	ON INFORMA	TION			T	
WELL PAD	YES YES	□ NO	□ אס*	WELL PAD	YES	
BRASS SURVEY MARKER	☐ YES	Ой 🗆	□ ND*	BRASS SURVEY MARKER	YES	
MARKER STAMPED WITH SURVEY DAT	A YES	. □ ио	□ ND*	MARKER STAMPED WITH SURVEY DATA		
MARKER STAMPED WITH WELL ID DA	TA YES	. 🗖 vo	□ ND*	MARKER STAMPED WITH WELL ID DATA		<u> </u>
WELL LABELED WITH WELL ID	☐ YES	Ои	□ ND*	WELL LABELED WITH WELL ID	☐ YES	ОиО
WELL LABELED WITH WELL NAME	☐ YES	□ NO	שא ⊡	WELL LABELED WITH WELL NAME	☐ YES	□ ио
PROTECTIVE POSTS	☐ YES	□ NO	עס∗ □	PROTECTIVE POSTS	☐ YES	D NO
REMOVABLE POST IN PLACE	☐ Y≣S	- 🔲 но	□ ND*.	REMOVABLE POST IN PLACE	YES	□ NO-
WELL LOCK .	☐ YES	□ №	י+םאַ □	WELL LOCK	YES	
WELL DAMAGED	☐ YES	□ NO I	_ אפּא	WELL DAMAGED	YES .	סא 🖸
WELL IS DRY	☐ YES	□ NO [_ אסא <u>_</u>	WELL-IS DRY	YES.	<u> </u>
PARTED CASING	☐ YES	□ NO [- 14D.	PARTED CASING.	☐ ·YES	NO
BENTONITE IN WELL	☐ YES	ON	- 3407	BENTONITE IN WELL	U·YES.	□ NO
WELL SANGED IN	☐ YES	□ NO. □	ייטא ב	WELL SANDED IN	U YES	<u> </u>
COLLAPSED CASING	☐ YES	□ № □	ייייעוא יי	COLLAPSED CASING	YES Y	<u>□ νο</u>
EQUIPMENT IN WELL	☐ YES	□ NO □	1 MD.	EQUIPMENT IN WELT	.YES	☐ NO .
DEBRIS IN WELL.	☐ YES	□ NO □	*סא נ	DEBRIS IN WELL	YES	_ ONO_
läst pump in	FORMATION	· · · · · · · · · · · · · · · · · · ·		CURRENT PUMR INFO		1150
PUMP ACTIVITY PERFORMED	☐ INSTA	LLED .	ľ	UMP ACTIVITY PERFORMED	INSTA	
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IMP MAKE			PL	JMP MAKE		
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MP INTAKE DEPTH (R)			PL	MP INTAKE DEPTH (ft)		
BING STE (In)	<u> </u>		itu	BING SIZE (In)		
	<u> </u>			BING MATERIAL		1 .
BING MATERIAL		<u> </u>		BING LENGTH (ft)		
BING LENGTH (ft)			· L	BING CONNECTION	· · ·	
BING CONNECTION				STAR COLAMECTON		

SEE SURVEY REPORT - WELL DECOMM.

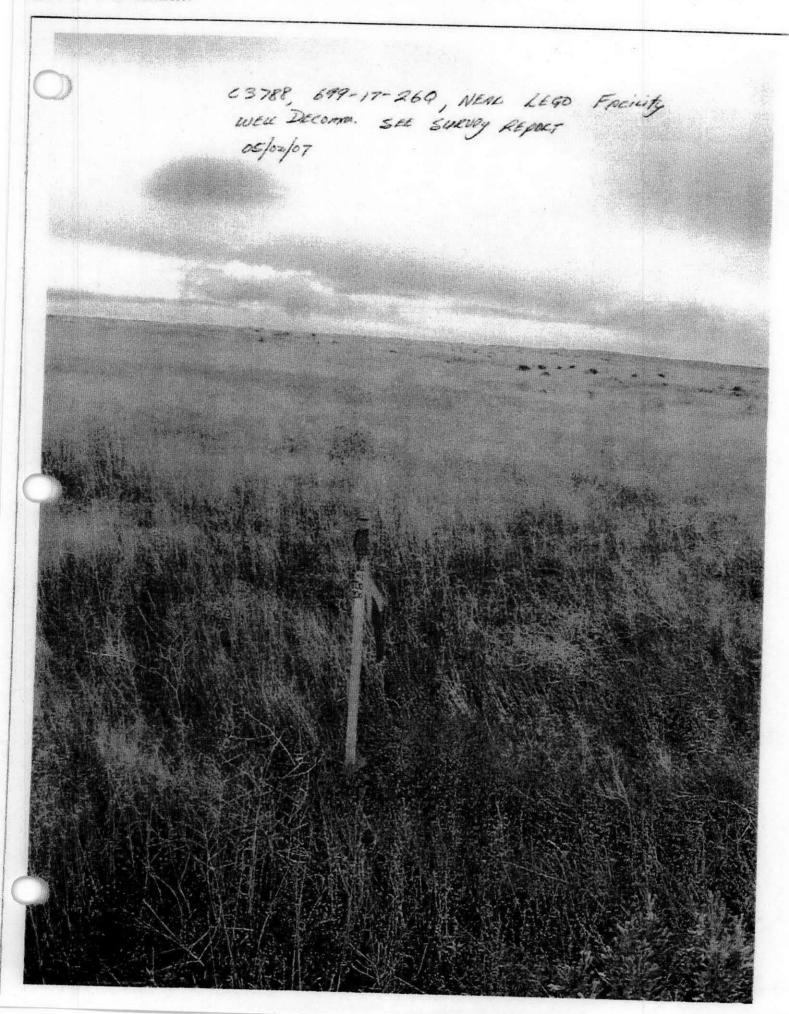
field order no Well Id Well name Host well Id	13788 699-17-260	DRILL DATE CONST DATE CONST DEPTH	Last inspecti northing Easting Elevation	128703.85 581976.56
	MEASUREMENT INFOR	MATION		* *
	LAST	CURRENT		
A DEPTH TO WATER(ft)				
DEPTH TO WATER DA	TE .			
B DEPTH TO BOTTOM (A)			
DEPTH TO BOTTOM DA	ATE			A
C STICK UP(ft)				
D REFERENCE MARK(ft)				
REFERENCE MARK IS T	OC YES NO [□ ND* □ YES □ NO	5	
	Perforation Inform	NTION		
CASING SIZE TOP	BOTTOM CUTS/FT/R	ОИИД	₩ Bepth to Water	
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CHANGES	CASING INFORMATION		Depth to Bottom of War A Depth to Water from top of C E DEPTH TO EQTTOM OF WELL FROM C. TOP OF CASING TO GROUND SURE TOP OF CASING TO SURVEY REFER	to Bottom of Casing Asing I TOP OF CASINS ACE/PAD
SIZE TOP BO	TTOM MATERIA	L TYPE	CONNECTION . THICKNESS	
		*		-
CHANGES				<u></u> .
<u>. </u>	•	•	 	
	screen information			
SIZE TOP BOT	TOM MATERIAL	TYF	SLOT SIZE]
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MITECO				
	 			

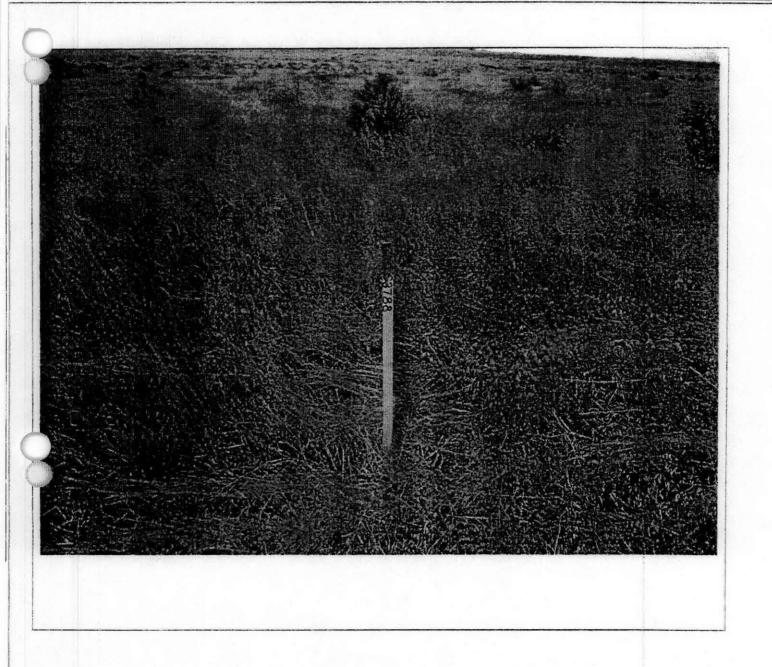
Project No. N/A Title: Survey Decommissiong Wells Date 3/13/2007 DESCRIPTION OF WORK Survey well location for C3788. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Vertical Datum: NAVD 1988 Pile No. 6711-R2 Reviewer 3/13/2007 DISTRIBUTION SDR PLO 6711-R2 Reviewer 3/13/2007 Cordinate 4/10/2007 Cordinate 5/10/2007 uest No. -0177				EPORT	SURVEY DATA RE	il a si	
DESCRIPTION OF WORK DISTRIBUTION Survey well location for C3788. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Tim Johnson 3/13/2007 DISTRIBUTION SDR PLO B. Howard i C. Wright I E. Rafuse i		File 6T1	7-260	699-1	13788/	1	•
Survey well location for C3788. If found, fill out WAR Report. If not found, set hub and lath. Take photo. Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) Survey File OR B. Howard C. Wright G. Kelty E. Rafuse	Page 1 of 2	He	Reviewer Tama	7		i -	· · · · · · · · · · · · · · · ·
set hub and lath. Take photo. B. Howard Coordinate System: US State Plane 1983 Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) B. Howard C. Wright I E. Rafuse I	PLOT DWG	SDR	BUTION	DISTRI		DESCRIPTION OF WORK	
Zone: Washington South 4602 Project Datum: NAD 1983 (Conus) G. Kelty 1 E. Rafuse 1		OR 1			rt. If not found,	for C3788. If found, fill out WAR Reporter photo.	Survey well location set hub and lath. Tai
Zone: Washington South 4602 G. Kelty 1 Project Datum: NAD 1983 (Conus) E. Rafuse 1		I	ht	C. Wrig		S State Plane 1983	Coordinate System:
		1	У	G. Kelty			Zone:
Vertical Datum: NAVD 1988		1	se	E. Rafus		· · · · · · · · · · · · · · · · · · ·	
Geoid Model: Geoid03	:				e.		

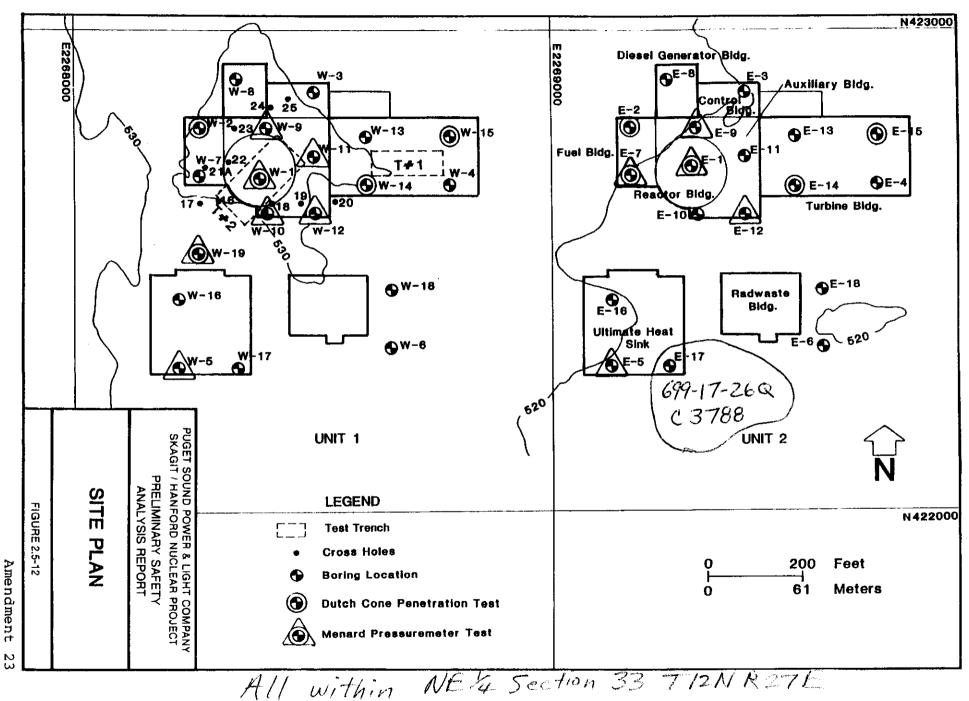
SURVEY RESULTS AND COMMENTS

Well ID# C3788 was not found at listed coordinates: N128703.85 E581976.56 Set hub and lath. Took Photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.







699-17-26R C3789

WELL ID	C3789	NORTHING	128752.613 FIELD ORDER NO	
WELL NAME	699-17-26R	EASTING	582073.897 LAST INSPECTION	1/1/1801
HOST WELL ID	-	ELEVATION	CONST DATE	
*	200-PO-1	DRILL DATE	CONST DEPTH	-
GW OPERABLE UNIT	200-10-1			
PROGRAMS				
WASTE SITES 50FT				
WM PLAN(S)				
WASTE STORAGE(S)				
LAST I	SPECTION INFOR		CURRENT INSPECTION I	
WELL PAD		YES 🔙 NO 🛂 ND		YES NO
BRASS SURVEY MARKER	ર ! [YES 🗌 NO 🗹 NE		YES NO
MARKER STAMPED WIT	H SURVEY DATA] yes 🗌 no 📝 nd		YES NO
MARKER STAMPED WIT		YES 🗌 NO 🗹 NE		YES NO
WELL LABELED WITH W		YES NO 🔽 NO		YES NO
WELL LABELED WITH W	/ELL NAME	YES 🗌 NO 🗹 NO	WELL LABELED WITH WELL NAME	YES NO
PROTECTIVE POSTS		YES 🗌 NO 🗹 NO	PROTECTIVE POSTS	YES NO
REMOVABLE POST IN P	LACE	YES NO V NE	REMOVABLE POST IN PLACE	YES NO
WELL LOCK		YES NO 🛂 NO	WELL LOCK	YES NO
WELL DAMAGED		YES 🗌 NO 🗹 NE	WELL DAMAGED	YES NO
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BENTONITE IN WELL		YES NO 🗹 NE	BENTONITE IN WELL	YES NO
WELL SANDED IN		YES NO V NE	WELL SANDED IN	YES NO
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DEBRIS IN WELL		YES NO V NE	DEBRIS IN WELL	YES NO
SURFACE EROSION		MAJOR V	SURFACE EROSION	MAJOR
JON ACE ENGLISH		MINOR		MINOR
		NONE		NONE
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WELL ID WELL NAME HOST WELL ID GW OPERABLE PROGRAMS WASTE SITES! WM PLAN(S)	UNIT 200-F	7-26R	NORTHING EASTING ELEVATION DRILL DATE	128752.613 582073.897	FIELD ORI	PECTION 1/1/18	01
WASTE STORA	GE(S)		WELL ATTR	IBUTE COMME	NTS		
			CASING	INFORMATION	1		····
SIZE/UNITS	TOP/BOT/U	NITS	MATERIAL	ТҮРЕ	CONNECTION	THICKNESS/UNI	removed
CHANGES							
			SCREEN	INFORMATIO	N		
SIZE/UNITS	TOP/BOT/U	INITS	MATERIAL		TYPE	SLOT SIZE/UNI	rs REMOVED
CHANGES							
			PERFORATI	ON INFORMA	TION		
CASING SIZ	ZE/UNITS	TOP/E	BOT/UNITS		CUTS/FT/ROUNI	D	REMOVED
CHANGES							

HWIS Interface - Survey Information - Horizontal

WELL_ID	WELL_NAME	SURVEY_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD			SURVEY_UNITS	QUALIFI
C3789	699-17-26R	вні	NAD83(91)	09/24/2001	GPS		582073.897	m	Р
\$	1		1	<u> </u>	} 			}~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	in the second second second second second second second second second second second second second second second

12/27-33A11

699-17-26R (E-18)
Location: ~N17224, W25721 12/27-3
Surface Elevation: 516.5
Hollow stem auger, drilled by Carman Water
Wells for NESCO, 1981, foundation test boring

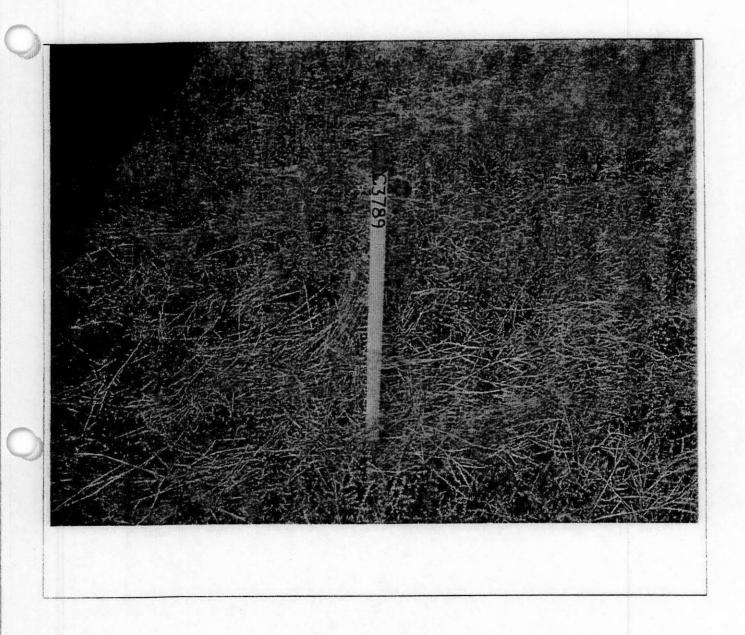
Material (38)	Thi	ckness	Depth
Loose to medium dense, dark- yellowish-brown to olive-			
black, silty fine to medium sand	•	8	8
clean, fine to medium sand . Very dense, varicolored to	•	11	19
olive-black, slightly silty fine to medium sand Very dense, varicolored to olive-black, clean, fine to	•.	7	26
medium sand w/scattered silty layers	•	52	78
olive-black, clean, gravelly fine to coarse sand		21	97

	SURVEY DATA	REPORT	•			quest No. 2-0177		
Project No. N/A	Title: Survey Decommissiong Wells	1						
Job No. 65400811.122540	Prepared By Tim Johnson							
	DESCRIPTION OF WORK		DISTR	IBUTION	SDR	PLOT	DWG	
Survey well location set hub and lath. Ta	n for C3789. If found, fill out WAR Re ke photo.	port. If not found,	Survey B. Hov		OR 1			
Coordinate System:	US State Plane 1983		C. Wri		1			
Zone: Project Datum: Vertical Datum:	Washington South 4602 NAD 1983 (Conus) NAVD 1988 Geoid03		G. Kel	<u></u>	1			

SURVEY RESULTS AND COMMENTS

Well ID# C3789 was not found at listed coordinates: N128752.610 E582073.897 Set hub and lath. Took Photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



SEE SURVEY REPORT - WELL DECOMM

FIELD ORDER NO WELL ID WELL NAME HOST WELL ID LAST INSPECTION INFORMATION CURRENT INSP WELL PAD PRASS SURVEY MARKER WARKER STAMPED WITH SURVEY DATA MARKER STAMPED WITH SURVEY DATA WELL PAD WARKER STAMPED WITH SURVEY DATA WELL PAD WELL PAD WELL PAD WELL PAD WELL PAD WELL PAD WELL PAD WARKER STAMPED WITH SURVEY DATA WARKER STAMPED WITH SURVEY DATA WARKER STAMPED WITH WELL WARKER STAMPED	NG SAZOTS OF TION ECTION INFORMATION YES D NO YES D NO VEY DATA YES D NO
WELL NAME HOST WELL ID LAST INSPECTION INFORMATION CURRENT INSP WELL PAD PRASS SURVEY MARKER PRASS SURVEY MARKER WELL PAD WELL PA	ECTION INFORMATION YES D NO YES D NO YES D NO
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MARKER STAMPED WITH WELL ID DATA YES LINO LINE LABEL ED WITH WELL IL	
WELL LABELED WITH WELL ID YES NO UND WELL N	
WELL LABELED WITH WELL NAME YES NO WITH PROTECTIVE POSTS	☐ YES ☐ NO
PROTECTIVE POSTS LYES LINO LYES DEMOVABLE POST IN PLACE	YES D NO
REMOVABLE POST IN PLACE YES LIND INCELL LOCK	YES NO
WELL LOCK YES NO NO INVELL DAMAGED	YES NO
WELL DAMAGED YES INO IN WELL IS DRY	YES ONO
WELL IS DRY LYES LING PARTIED CASING.	☐ YES ☐ NO
PARTED CISING YES LINO IN REPUT NOTE IN WELL	YES NO
BENTONTIE IN WELL SANDED IN	YES .NO
WELL SANSED IN	☐ YES ☐ NO
COLLAPSED CASING YES NO NO* EQUIPMENT IN WELL	. YES I NO
EQUIPMENT IN WELL YES NO DEBRIS IN WELL	YES UNO
DEBRIS IN WELL	MR INFORMATION
LAST PUMP INFORMATION CURRENT PUMP ACTIVITY PERFORMED INSTALLED PUMP ACTIVITY PERFORMED	INSTALLED.
PUMP ACTIVITY PERFORMED INSTALLED ND*	REPLACED .
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OTHER TESTED	☐ YES ☐ NO
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ACTIVITY PERFORMED BY DATE ACTIVITY PERFORMED	
DATE ACTIVITY PERFORMED PUMP TYPE	
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UBING MATERIAL TUBING LENGTH (FT)	
JBING LENGTH (ft)	
BING CONFECTION	

SEE SULTRY REPORT - WELL DECOMM.

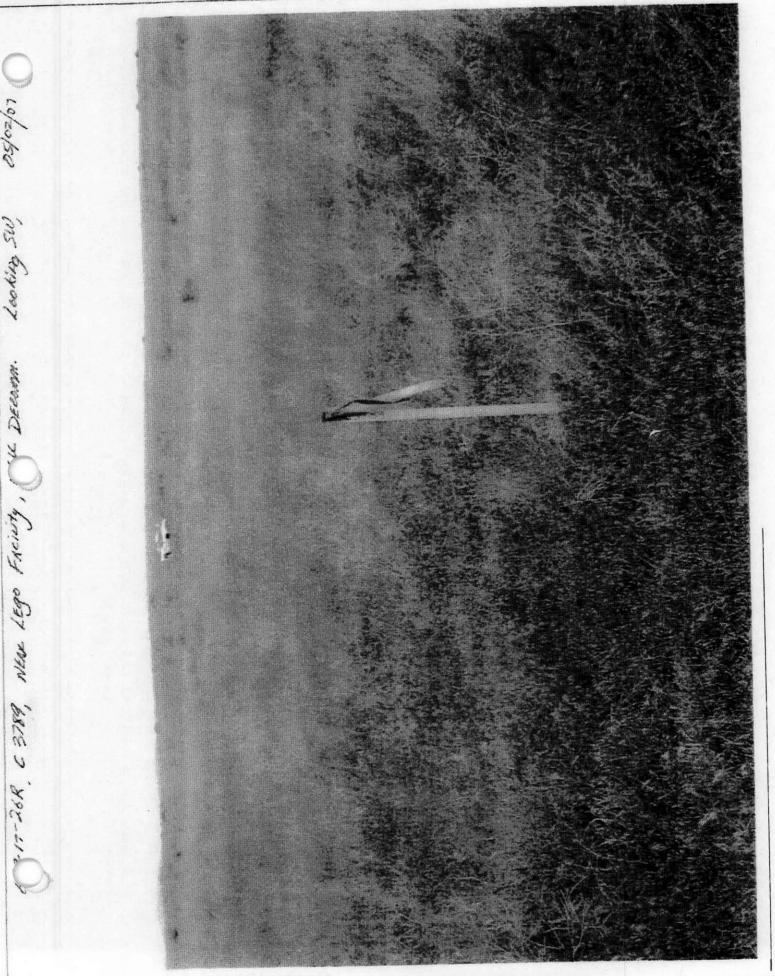
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WELL ID		637	89	DRILL DATE	<u> </u>	NORTHING	128752.610
WELL IN		100	17-26R	CONST, DATE		EASTING	3820/3.07
HOST W	ell ID	1		CONST. DEPTH		ELEVATION	
HOS) II					· /		
		MEASUR	ement informatio			[D	
 			LAST	CURRENT		- C	
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	TO BOTTO						A
CSTICK						•	
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CASING S	IZE T	OP BOTTO	M CUTS/FT/ROUND		1	Uspth to Water	_
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	SURVEY DATA RE	PORT				uest No. -0177	
Project No. N/A	Title: Survey Decommissiong Wells	c 3789/6	99-17	7-26R		No. 11-R27	
Job No. 65400811.122540	Prepared By Tim Johnson	Date 3/13/2007	7	Reviewer	Her	Sa	Page 1 of 2
	DESCRIPTION OF WORK		DISTR	IBUTION	SDR	PLOT	DWG
		rt. If not found,	Survey B. Hov		OR.	:	
	Survey Decommissiong Wells No. Prepared By Tim Johnson DESCRIPTION OF WORK rey well location for C3789. If found, fill out WAR Repub and lath. Take photo. redinate System: US State Plane 1983 e: Washington South 4602 ect Datum: NAD 1983 (Conus)		C. Wri	<u> </u>	1		
Zone: Project Datum: Vertical Datum:	Washington South 4602 NAD 1983 (Conus) NAVD 1988		G. Kel E. Raf		1		
Geoid Model:	Georges	<u></u>	 _		<u> </u>		<u> </u>

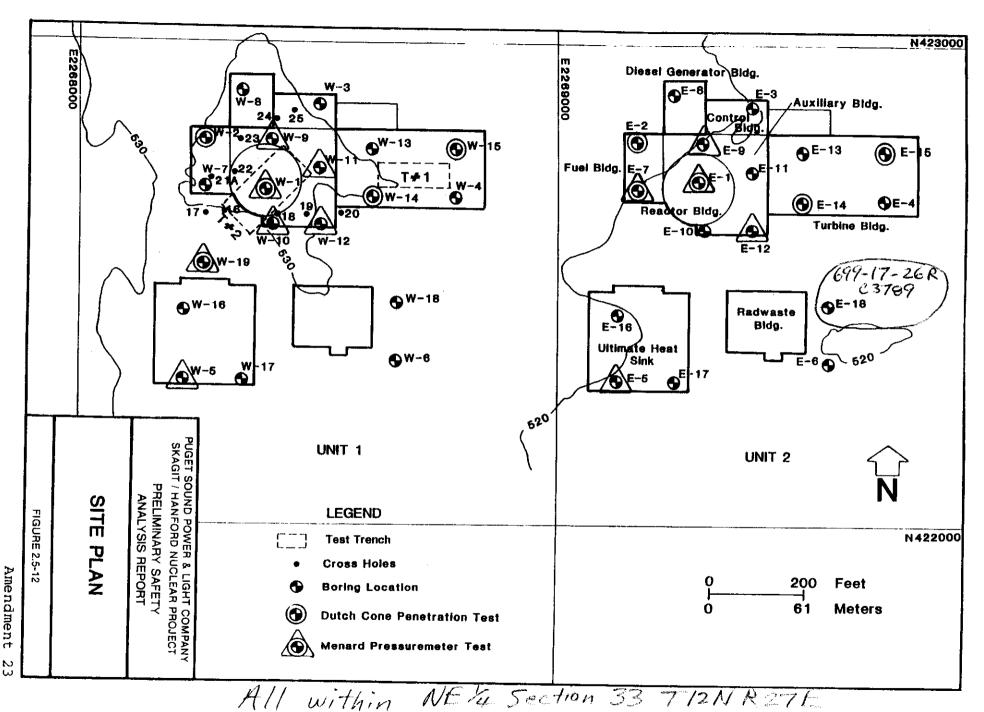
SURVEY RESULTS AND COMMENTS

Well ID# C3789 was not found at listed coordinates: N128752.610 E582073.897 Set hub and lath. Took Photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.



Leoking Sw.



WELL ID	C3790		NORT	HING	128825.641	FIELD ORDER NO		
WELL NAME	699-17-26T		EAST:	[NG	581952.09	LAST INSPECTION	1/1/1	801
HOST WELL ID			ELEV/	ATION		CONST DATE	+/1/1	001
GW OPERABLE UNIT	200-PO-1			DATE		CONST DEPTH		.
PROGRAMS				_		CONST DEFTI		
WASTE SITES 50FT								
WM PLAN(S)				 				
WASTE STORAGE(S)							·	
								
	SPECTION INF					RENT INSPECTION IN	IFORMATI	ON
WELL PAD	····	L YES		O 🛂 NE	WELL PAD		YES	NO
BRASS SURVEY MARKER		YES					YES	NO
MARKER STAMPED WIT		YES		O 🛂 ND		D WITH SURVEY DATA	YES	NO
MARKER STAMPED WIT		YES	N	ON 🔽 C	MARKER STAMPE	D WITH WELL ID DATA	YES	NO
WELL LABELED WITH W		YES		O 🔽 ND	WELL LABELED W	/ITH WELL ID	YES	NO
WELL LABELED WITH W	ELL NAME	YES	N(O 🗹 ND	WELL LABELED W	/ITH WELL NAME	YES	NO
PROTECTIVE POSTS		U YES	NO	D 🗷 ND	PROTECTIVE POS	ots	YES	NO
REMOVABLE POST IN PL	ACE	YES		D 🔽 ND	REMOVABLE POS	T IN PLACE	YES	NO
WELL LOCK		YES	_ NC	DN 🛂 D	WELL LOCK		YES	NO
WELL DAMAGED		YES		D 🗹 ND	WELL DAMAGED		YES	NO
WELL IS DRY		YES	☐ NC	D 🔽 ND	WELL IS DRY		YES	NO
PARTED CASING		☐ YES		ND	PARTED CASING	ř	YES	NO
BENTONITE IN WELL		☐ YES	☐ NC	ND	BENTONITE IN W	ELL	YES	NO
WELL SANDED IN		YES	☐ NC	✓ ND	WELL SANDED IN		YES	NO
COLLAPSED CASING		YES	NC	ND	COLLAPSED CASI	NG	YES	NO
EQUIPMENT IN WELL		YES	☐ NC	MD 🔽 ND	EQUIPMENT IN W	ELL	YES	 NO
DEBRIS IN WELL		YES	☐ NC	✓ ND	DEBRIS IN WELL		YES	NO
SURFACE EROSION		MAJO)R	✓ ND	SURFACE EROSIO	N	MAJOR	
		MINC)R				MINOR	
<u></u> .		☐ NON	E		•		☐ NONE	•
LAST	PUMP INFORM	ATION	-			URRENT PUMP INFOR		
PUMP ACTIVITY PERFOR	MED	☐ INST	ALLED	✓ ND	PUMP ACTIVITY P		INSTAL	LED
		☐ INSP	ECTED	_			= INSPEC	
		NON!	<u> </u>		!		NONE	.160
		REMO				:	REMOV	ED
	1	REPL	ACED				REPLAC	
	i	REPA	IRED				REPAIR	
ACTIVITY PEFORMED BY					ACTIVITY PEFORM	ED BY	KEPAIR	ED
DATE ACTIVITY PERFORM	1ED				DATE ACTIVITY PE			
PUMP IN WELL		YES	□ NO	V ND	PUMP IN WELL	KIOKIIED	VEC	//
PUMP TESTED		YES		▼ ND	PUMP TESTED		YES	NO
NEW PUMP		YES		✓ ND	NEW PUMP	+	YES L	NO
PUMP TYPE	1			<u>.v.</u> ND	PUMP TYPE		YES	NO
PUMP MAKE	!							
PUMP MODEL				·	PUMP MAKE			
PUMP INTAKE DEPTH (ft)	<u>i</u> -				PUMP MODEL	TU (8)		
	UBING INFORM	ATTON			PUMP INTAKE DEP			
TUBING SIZE (in)			· · · · ·			RRENT TUBING INFOR	MATION	<u> </u>
TUBING MATERIAL					TUBING SIZE (in)			
TUBING LENGTH (ft)					TUBING MATERIAL			
TUBING CONNECTION					TUBING LENGTH (f			
	UREMENT INFO	DMATTO	- NI		TUBING CONNECTI			
DEPTH TO WATER(ft)	OVEWELLI TULO	KMA (10			CURRE	NT MEASUREMENT IN	FORMATIC	N
DEPTH TO WATER DATE					DEPTH TO WATER(
DEPTH TO WATER DATE DEPTH TO BOTTOM(ft)					DEPTH TO WATER I			
DEPTH TO BOTTOM DATE					DEPTH TO BOTTOM			
STICK UP(ft)					DEPTH TO BOTTOM	DATE		//
REFERENCE MARK(ft)	i	-			STICK UP(ft)			
REFERENCE MARK IS TOC					REFERENCE MARK(f	<u> </u>		
LI EKENCE MAKK IS TOC		YES	NO	✓ ND	REFERENCE MARK I	S TOC	YES	NO

WELL ID WELL NAME HOST WELL ID GW OPERABLE PROGRAMS WASTE SITES	UNIT	C3790 699-17-26T 200-PO-1	NORTHING EASTING ELEVATION DRILL DATE	128825.641 581952.09			1/1/180	1
WM PLAN(S) WASTE STORA	GE(S)		WELL ATT	RIBUTE COMM	ENTS			
			CASING	INFORMATIO	N			
SIZE/UNITS	TOP/B	OT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNES	S/UNITS	REMOVED
CHANGES								
			SCREEN	INFORMATIO	N			
SIZE/UNITS	TOP/BC	OT/UNITS	MATERIAL		TYPE	SLOT SIZE	/UNITS	REMOVED
CHANGES								
				ON INFORMAT	TON			
CASING SIZE	/UNITS	TOP/E	SOT/UNITS		CUTS/FT/ROUND			REMOVED
CHANGES								

HWIS Interface - Survey Information - Horizontal

	30KVET_CONTRACTOR	DATUM_TYPE	SURVEY_DATE	MEASUREMENT_METHOD	NORTHING	EASTING	SURVEY_UNITS	QUALIFIEI
C3790 699-17-26T	BHI	NAD83(91)	09/24/2001	GPS			m	Р

699-17-26T (E-7)
Location: ~N17465, W26120 12/27-33A5
Surface Elevation: 518.1
Hollow stem auger, drilled by Carman Water
Wells for NESCO, 1981, foundation test
boring

Material (38)	Thickness	Depth
Loose, dark-yellowish-brown to olive-gray, silty fine sand	. 3	3
varicolored to olive-gray, silty fine to medium sand w/scattered grave! Medium dense to dense, varicolored to olive-black, slightly silty fine to coarse	. 10	13
sand w/scattered gravel & silty layers	. 13	26 37
olive-black, slightly silty fine to medium sand Very dense, varicolored to olive-black, slightly silty fine to coarse sand w/scattered gravel Very dense, varicolored to olive-gray, slightly silty fine sand Very dense, varicolored to olive-black, slightly silty silty	40	77
gravelly fine to coarse sand .	13	90

SEE SURVEY REPORT - WELL DELONANT

WELL ID WELL NAME HOST WELL ID LAST INSPECTION INFORMATION WELL PAD WELL	WAR NO		last inspecti	ОК
YES	WELL NAME 699-	17-26 T CONST DATE	EASTING	128825.6
WELL PAD	LAST TURPECT	ION INFORMATION	CURRENT INSPECTION I	NFORMATION
BRASS SURVEY MARKER			O* WELL PAD	· YES NO
MARKER STAMPED WITH SURVEY DATA			Indian SURVEY MARVED	YES NO
MARKER STAMPED WITH WELL ID DATA	·		MARKER STAMPED WITH SURVEY DATA	YES . NO
WELL LABELED WITH WELL ID			MARKER STAMPED WITH WELL TO DATA	YES D NO
WELL LABELED WITH WELL NAME			WELL LABOR ON WITH WELL IN	.□ YES □ NO :
PROTECTIVE POSTS			WHEN A LABREED WATER WELL MAME	YES NO
REMOVABLE POST IN PLACE			DEPOTECTIVE POSTS	YES NO
WELL LOCK	1 i ,		DEMOVABLE BOOT IN DIACE	YES NO
WELL DAMAGED			WELLTOCK	
WELL IS DRY WELL IS DRY PARTED CASING YES NO ND* PARTED CASING YES NO ND* PARTED CASING YES NO ND* PARTED CASING YES NO ND* PARTED CASING YES NO ND* PARTED CASING YES NO ND* WELL SANDED IN WELL SANDED IN WELL SANDED IN WELL SANDED IN WELL SANDED IN WELL SANDED IN YES NO ND* COLLAPSED CASING YES NO ND* YES NO ND* YES NO ND* YES NO ND* YES NO ND* YES NO ND* YES NO ND* YES NO ND* YES NO ND* YES NO ND* YES NO ND* YES NO ND* YES NO ND* Y			MAIDL DAMAGED	YES ONO
PARTED CASING			WELL TO DOY.	
BENTONITE IN WELL YES NO ND* BENTONITE IN WELL YES NO ND* WELL SANDED IN WELL SANDED IN YES NO ND* WELL SANDED IN COLLAPSED CASING YES NO ND* COLLAPSED CASING YUMP ACTIVITY PERFORMED YES NO ND* COLLAPSED CASING YES NO ND* COLLAPSED CASING YUMP ACTIVITY PERFORMED YES NO ND* COLLAPSED CASING YUMP TOTAL COLLAPSED CASING YUMP TOTAL COLLAPSED CASING YUMP TOTAL COLLAPSED CASING YUMP TOTAL COLLAPSED CASING YUMP TOTAL COLLAPSED CASING YUMP TOTAL COLLAPSED CASING YUMP TOTAL COLLAPSED CASING YUMP TOTAL COLLAPSED CASING YUM			GARTER CASTAG	☐ YES ☐ NO
WELL SANDED IN			DESCRIPTION THE TAI SAFEL	☐ YES ☐ NG
WELLSANSED CASING			CONC. ACCIDED TO	,
EQUIPMENT IN WELL YES NO ND* EQUIPMENT IN WELL YES NO DEBRIS IN WELL YES NO DEBRIS IN WELL CURRENT PUMP INFORMATION CURRENT PUMP INFORMATION PUMP ACTIVITY PERFORMED REPLACED REPLACED REMOVED PUMP TESTED PUMP TESTED NEW PUMP YES NO ND* PUMP TESTED NEW PUMP ACTIVITY PERFORMED BY DATE ACTIVITY PERFORMED PUMP TYPE WIMP MAKE PUMP MAKE PUMP MAKE PUMP MAKE PUMP MAKE PUMP MAKE PUMP MODEL WMP INTAKE DEPTH (ft) TUBING SIZE (In)			COLLABORD CASTNO	☐ YES ☐ NO
DEBRIS IN WELL: YES			EQUIDMENT IN WELL	☐ YES ☐ NO
CURRENT PUMP INFORMATION PUMP ACTIVITY PERFORMED INSTALLED REPLACED ND* REPLACED REPLACED REPLACED REPLACED REMOVED REPLACED REPLACED REPLACED REPLACED REPLACED REPLACED REPLACED REPLACED REPLACED REPLACED REPLACED REPLACED REPLACED REPLACED REMOVED REMO				☐ YES ☐ NO.
PUMP ACTIVITY PERFORMED INSTALLED REPLACED REPLACED REMOVED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED REMOVED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP TESTED PUMP MAKE PUMP PUMP TESTED PUMP TESTED PUMP TESTED PUMP MAKE PUMP MAKE PUMP MAKE PUMP MAKE PUMP MODEL PUMP MODEL PUMP INTAKE DEPTH (ft) PUBLING SIZE (In) PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft)			CURRENT PUMP INFOR	
REPLACED	·		PUMP ACTIVITY PERFORMED	INSTALLED
PUMP TESTED YES NO ND* PUMP TESTED YES NO ND* NEW PUMP YES NO ND* NEW PUMP ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED PUMP TYPE UMP MAKE UMP MODEL UMP INTAKE DEPTH (R) UBING SIZE (In)				
NEW PUMP YES NO NO* NEW PUMP ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED PUMP TYPE PUMP MAKE PUMP MAKE PUMP MODEL UMP INTAKE DEPTH (Ft) PUBLING SIZE (In)	HIAD TECTED	 	PUMP TESTED	YES D NO
ACTIVITY PEFORMED BY DATE ACTIVITY PERFORMED DATE ACTIVITY PERFORMED DUMP TYPE DUMP MAKE DUMP MAKE DUMP MODEL DUMP INTAKE DEPTH (R) DUMP INTAKE DEPTH (R) DUMP MODEL DUMP INTAKE DEPTH (R) DUMP MODEL DUMP INTAKE DEPTH (R)				
DATE ACTIVITY PERFORMED DATE ACTIVITY PERFORMED PUMP TYPE PUMP MAKE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft) PUBLING SIZE (In)		L YES L NO LINGT	ACTIVITY PEFORMED BY	
PUMP TYPE PUMP MAKE PUMP MAKE PUMP MAKE PUMP MODEL PUMP MODEL PUMP INTAKE DEPTH (ft) PUMP INTAKE DEPTH (ft) PUMP INTAKE DEPTH (ft)			<u> </u>	
PUMP MAKE PUMP MAKE PUMP MODEL PUMP INTAKE DEPTH (ft) PUMP INTAKE DEPTH (ft) PUBLING SIZE (In)			<u> </u>	
PUMP MODEL PUMP MODEL PUMP INTAKE DEPTH (ft) PUMP INTAKE DEPTH (ft) PUBING SIZE (In) PUBING VALUE OF THE PUBLIC OF THE PUBL				
PUMP INTAKE DEPTH (ft) PUMP INTAKE DEPTH (ft) PUBING SIZE (In) PUBING SIZE (In)				
VBING SIZE (In) TUBING SIZE (In)	JMP MODEL			
DOING SIZE (III)	MP INTAKE DEPTH (A)		<u> </u>	
UBING MATERIAL TUBING MATERIAL	BING SIZE (In)			
	BING MATERIAL		TUBING MATERIAL	
JBING LENGTH (R) TUBING LENGTH (R)	<u>. </u>		TUBING LENGTH (ft)	
BING CONNECTION TUBING CONNECTION			TUBING CONNECTION :	

SEE SULVEY REPORT - WELL DECOMO.

FIELD O WELL II WELL N) AME	6	13790 19-17-26"T"	DRELL DATE CONST DATE CONST DEPTH		Last inspection northing easting elevation	128825.64 581952.09
		MEAS	UREMENT INFORMATION	אכ		<u> </u>	- 1
	_ ; .	<u> </u>	LAST	CURRENT		c	
A DEPTH							
1 1 .	TO WATE						
B DEPTH							
DEPTH	TO BOTT	OM DATE			_		A
CSTICK	IP(ft)		•				
DREFERE	NCE MAR	K(ft)					В
REFERE	YCE MAR	K IS TOC [J YES □ NO □ N	D* YES NO			
CASING S	IZE		DRATION INFORMATION	<u>_</u>		Uspth to Water	
CHANGES					A DEPTH TO B DEPTH TO C. TOP OF CA	WATER FROM TOP OF CA BOTTOM OF WELL FROM SING TO GROUND SURFA	to Bottom of Casing SING TOP OF CASING OE/PAD
-	٠.		ing information		<u> </u>	SING TO SURVEY REPERE	T.
SIZE	TOP	BOTTOM	MATERIAL	TYPE	CONNECTION	ON THICKNESS	-
	······································	+					j
							
CHANGES					; .		
				•			
· .		SCRE	en information		٠.		
SIZE	TOP	BOTTOM	MATERIAL	TYP	E	SLOT SIZE	
					•		
	• •						٠.
HANGES							
							

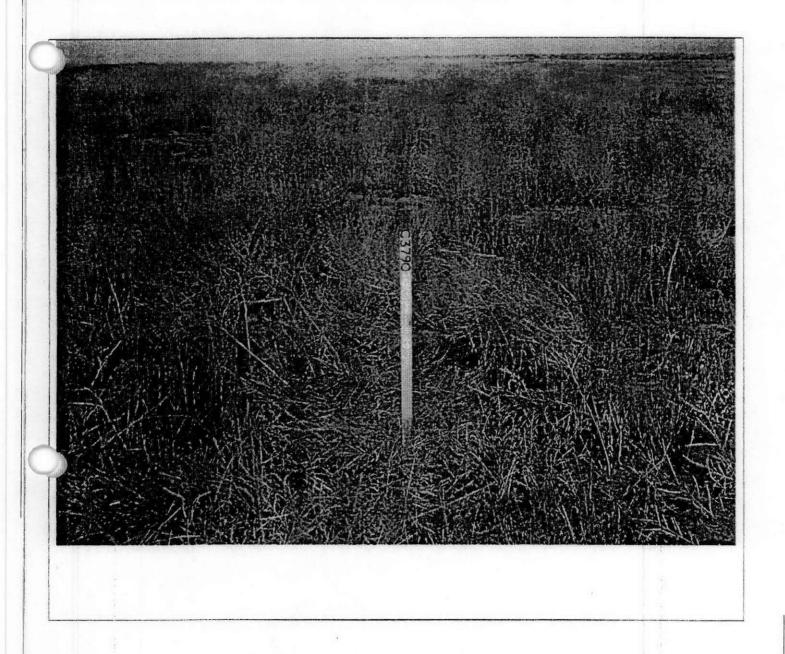
	SURVEY DATA REPO	ORT			- 1	uest No. 2-0177	
Project No. N/A	Title: Survey Decommissiong Wells	3790/0	699-1	7-267		No. 11-R27	
Job No. 65400811.122540	Prepared By Tim Johnson	Date 3/13/2007		Reviewer	Ha	be	Page 1 of 2
	DESCRIPTION OF WORK		DISTR	IBUTION	SDR	PLOT	DWG
Survey well locatio	n for C3790. If found, fill out WAR Report.	f not found,	Survey	File	OR		
set hub and lath. To	ake photo.		B. Hov	vard	1		
	710 Grass 1001		C. Wri	ght	1	:	
Zone:	Coordinate System: US State Plane 1983 Zone: Washington South 4602			ty	1		
Project Datum: NAD 1983 (Conus)			E. Rafuse		1		
Vertical Datum:	NAVD 1988						
Geoid Model:	Geoid03						

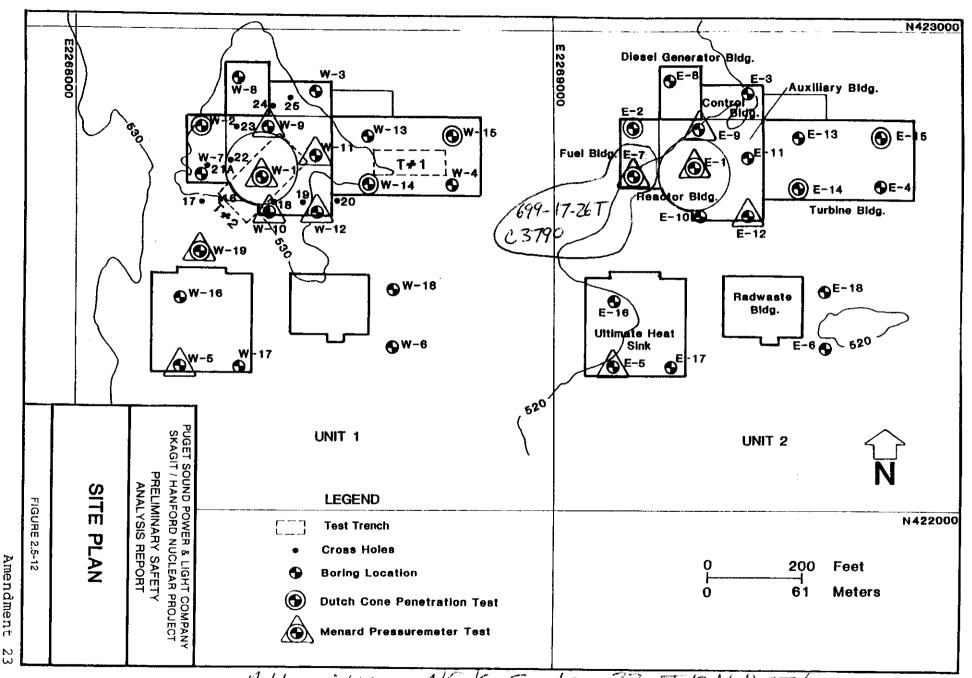
SURVEY RESULTS AND COMMENTS

Well ID# C3790 was not found at listed coordinates: N128825.64 E581952.09 Set hub and lath. Took Photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.







All within NE 4 Section 33 TIZNR27E

WELL ID	C3791	NORTHING	128801.407 FIELD ORDER I	1 0
WELL NAME	699-17-26V	EASTING	581994.825 LAST INSPECT	· · · · · · · · · · · · · · · · · · ·
HOST WELL ID		ELEVATION	CONST DATE	1/1/1801
GW OPERABLE UNIT	200-PO-1	DRILL DATE	CONST DATE	
PROGRAMS	200101	DIVILL DAIL	CONSIDEPIN	
WASTE SITES 50FT				
WM PLAN(S)				
WASTE STORAGE(S)				
	<u></u>			
· · · · · · · · · · · · · · · · · · ·	SPECTION INFORMATI		CURRENT INSPECTION	INFORMATION
WELL PAD	YES		WELL PAD	YES NO
BRASS SURVEY MARKER			BRASS SURVEY MARKER	YES NO
MARKER STAMPED WITH			MARKER STAMPED WITH SURVEY DAT	· · · · · · · · · · · · · · · · · · ·
MARKER STAMPED WITH			MARKER STAMPED WITH WELL ID DA	TA YES NO
WELL LABELED WITH WI			WELL LABELED WITH WELL ID	YES NO
WELL LABELED WITH WI			WELL LABELED WITH WELL NAME	YES NO
PROTECTIVE POSTS	YES		PROTECTIVE POSTS	YES NO
REMOVABLE POST IN PL			REMOVABLE POST IN PLACE	YES NO
WELL LOCK	│		WELL LOCK	YES NO
WELL DAMAGED	YES		WELL DAMAGED	YES NO
WELL IS DRY	YES		WELL IS DRY	YES NO
PARTED CASING	YES		PARTED CASING	YES NO
BENTONITE IN WELL	YES		BENTONITE IN WELL	YES NO
WELL SANDED IN	YES		WELL SANDED IN	YES NO
COLLAPSED CASING	YES	NO V ND	COLLAPSED CASING	YES NO
EQUIPMENT IN WELL	YES	□ NO ✓ ND	EQUIPMENT IN WELL	YES NO
DEBRIS IN WELL	_ YES		DEBRIS IN WELL	YES NO
SURFACE EROSION	LAM		SURFACE EROSION	MAJOR
	MIN			MINOR
LACT	PUMP INFORMATION	<u> </u>		NONE
PUMP ACTIVITY PERFORM		ALLED V ND	CURRENT PUMP IN	
	! =	PECTED WIND	PUMP ACTIVITY PERFORMED	INSTALLED
!	□ NON			INSPECTED
:	! 	OVED		NONE
	i —	ACED		REMOVED
j		AIRED	!	REPLACED
ACTIVITY PEFORMED BY		TICLD	ACTIVITY PEFORMED BY	REPAIRED
DATE ACTIVITY PERFORM	1ED	· · · · · · · · · · · · · · · · · · ·	DATE ACTIVITY PERFORMED	
PUMP IN WELL	YES	□ NO 🗹 ND	PUMP IN WELL	YES NO
PUMP TESTED	YES	□ NO 🔽 ND	PUMP TESTED	YES NO
NEW PUMP	YES	□ NO ✓ ND	NEW PUMP	YES NO
PUMP TYPE			PUMP TYPE	
PUMP MAKE			PUMP MAKE	i I
PUMP MODEL			PUMP MODEL	
PUMP INTAKE DEPTH (ft)			PUMP INTAKE DEPTH (ft)	
-·	UBING INFORMATION		CURRENT TUBING IN	FORMATION
TUBING SIZE (in)			TUBING SIZE (in)	
TUBING MATERIAL			TUBING MATERIAL	
TUBING LENGTH (ft)			TUBING LENGTH (ft)	
TUBING CONNECTION			TUBING CONNECTION	
LAST MEAS	UREMENT INFORMATION	ON	CURRENT MEASUREMENT	INFORMATION
DEPTH TO WATER(ft)			DEPTH TO WATER(ft)	
DEPTH TO WATER DATE			DEPTH TO WATER DATE	
DEPTH TO BOTTOM(ft)			DEPTH TO BOTTOM(ft)	
DEPTH TO BOTTOM DATE		-	DEPTH TO BOTTOM DATE	
STICK UP(ft)	· ·		STICK UP(ft)	
REFERENCE MARK(ft)			REFERENCE MARK(ft)	
REFERENCE MARK IS TOO	· VEC	NO W NO	DEEEDENCE MADY IS TOO	VEC

WELL ID	÷	C3791	NORTHING	128801.407	FIELD OR	DER NO		÷	
WELL NAME		699-17-26V	EASTING	581994.825	LAST INS	PECTION	1/1/1801	/1801	
HOST WELL II	D		ELEVATION		CONST DA	ATE			
GW OPERABL	EUNIT	200-PO-1	DRILL DATE		CONST DI	EPTH			
PROGRAMS									
WASTE SITES	50FT								
WM PLAN(S)					· · · · · · · · · · · · · · · · · · ·				
WASTE STORA	AGE(S)								
			WELL ATTRI	BUTE COMME	NTS		···		
			CASING I	NFORMATION					
SIZE/UNITS	TOP/R	OT/UNITS	MATERIAL	TYPE	CONNECTION	THICKNESS/	LINTTE	DEMOVED	
JIEZ/ORITS	10175	01/01113	PIRIERIAL	IIFL	CONNECTION	INICKNESS	UNITS	KEMOVED	
			SCREEN I	NFORMATION					
SIZE/UNITS	тор/во	OT/UNITS	MATERIAL	1	ТҮРЕ	SLOT SIZE/	UNITS	REMOVED	
CHANGES									
			PERFORATIO	N INFORMATI	ON				
CASING SIZ	E/UNITS	TOP/	BOT/UNITS		CUTS/FT/ROUND		- 1	REMOVED	
CHANGES									

HWIS Interface - Survey Information - Horizontal

		SURVEY_CONTRACTOR			MEASUREMENT_METHOD	NORTHING		SURVEY_UNITS	
C3791	699-17-26V	ВНІ	NAD83(91)	09/24/2001	GPS	128801.407	58 1994.825	m	Р

t

12/27-33A6

699-17-26V (E-10)
Location: ~N17385, W25980 12/27Surface Elevation: 517.2
Hollow stem auger, drilled by Carman Water
Wells for NESCO, 1981, foundation test

boring

Material (38)	Thi	ckness	Depth
Loose, dark-yellowish-brown,			
slightly silty fine to			
medium sand	•	3	3
Dense, varicolored to olive-			
black & gray, silty fine to medium sand		-	
Medium dense to dense,	•	7	10
varicolored to olive-black,			
clean, medium to coarse			
sand w/scattered gravel		16	26
Very dense, varicolored to	•		20
olive-black, silty fine to			
medium sand	•	7	33
Very dense, varicolored to			
olive-black, clean, fine to medium sand		40-	
Very dense, varicolored to	.7	عليك	
olive-gray, slightly silty	- {	40	73
fine sand	. 2		
Very dense, varicolored to			-
olive-black, clean, gravelly			
fine to coarse sand		22	95

SEE SURVEY REPORT - WELL DECOMM.

FIELD ORDER NO		LAST INSPECT	
WELL ID	DRILL DATE	HORTHING	128801.41 581984.8
WELL NAME	7-26 "V" CONST DATE		38/977.0
HOST WELL ID	CONST DEPT	ELEVATION	
LAST INSPECT	ION INFORMATION	CURRENT INSPECTION	INFORMATION
WELL PAD	YES NO NO	WELL PAD	YES D NO
BRASS SURVEY MARKER	☐ YES ☐ NO ☐ ND	* BRASS SURVEY MARKER	☐ YES ☐ NO
MARKER STAMPED WITH SURVEY DA		THE PURE CTAMPED WITH CURVEY DATA	☐ YES ☐ NO
MARKER STAMPED WITH WELL ID DA		MAINTEN OF MORE MATTER WELL TO DATE	YES D NO
WELL LABELED WITH WELL ID	YES NO NO	◆ WELL LABELED WITH WELL ID	☐ YES ☐ NO
WELL LABELED WITH WELL NAME	☐ YES ☐ NO ☐ ND	GUELL LADELED WITTH WELL NAME	☐ YES ☐ NO
PROTECTIVE POSTS	☐ YES ☐ NO ☐ NO	PROTECTIVE POSTS	YES I NO
REMOVABLE POST IN PLACE	☐ YES ☐ NO ☐ ND*	REMOVABLE POST IN PLACE	YES NO
WELL LOCK	YES ON O NO	WELL LOCK	YES D NO
WELL DAMAGED	☐ YES .□ NO □ ND*		YES. D NO
WELL IS DRY	☐ YES ☐ NO ☐ ND*		YES: ONO
PARTED CASING	YES NO NO		☐ YES .☐ NO
BENTONITE IN WELL	YES ONO NO	BENTONITE IN WELL	YES . NO
WELL SANDED IN	YES NO NO	WELL SANDED IN	☐ YES ☐. NO
COLLAPSED CASING	☐ YES ☐ NO ☐ ND*	COLLAPSED CASING	YES D NO
EQUIPMENT IN WELL	☐ YES ☐ NO ☐ ND*	EQUIPMENT IN WELL	YES NO
DEBRIS IN WELL	YES NO NO*	DEBRIS IN WELL	☐ YES ☐ NO
the state of the s	YFORMATION	CURRENT PUMP INFOF	INSTALLED
PUMP ACTIVITY PERFORMED	INSTALLED	PONIP ACTIVITY PERCONNED	☐ REPLACED
	REPLACED NO*		REMOVED
UMP TESTED		PUMP TESTED	YES DINO
IEW PUMP		NEW PUMP	☐ YES ☐ NO
CTIVITY REFORMED BY	YES LINO LIND*	ACTIVITY PEFORMED BY	
ATE ACTIVITY PERFORMED		DATE ACTIVITY PERFORMED .	
UMP TYPE		PUMP TYPE	
UMP MAKE		PUMP MAKE	
JMP MODEL		PUMP MODEL	
		PUMP INTAKE DEPTH (ft)	
IMP INTAKE DEPTH (A)	· ,	TUBING SIZE (in)	
BING STE (In)			
BING MATERIAL		TUBING MATERIAL	
BING LENGTH (ft)	· · · · · · · · · · · · · · · · · · ·	TUBING LENGTH (ft)	
BING CONNECTION	· · · · · · · · · · · · · · · · · ·	TUBING CONNECTION	

SEE SURVEY REPORT - WELL DECOMM.

WELL ATTRIBUTES REPORT

Field order no Well ID Well name Host Well ID	63791 699-17-2	26V"	DRILL DATE CONST DATE CONST DEPTH		Last inspection northing easting elevation	128801.41.
	MEASUREMENT	INFORMATION		\\-\-	<u> </u>	
		LAST	CURREN		c	6
A DEPTH TO WATER	9					
DEPTH TO WATER D	ATE				.]	
B DEPTH TO BOTTOM	ft).					
DEPTH TO BOTTOM	DATE					A
C STICK UP(ft)						
D REFERENCE MARK(ft)						
REFERENCE MARK IS	TOC YES -	אס 🗆 אס*	YES D	10		B
	PERFORATION IN	(FORMATION				
CASING SIZE TOP	BOTTOM CUT	S/FT/ROUND			Mumela da debuta -	
					Depth to Water	
	<u> </u>					
CHANGES		,				
- CHARGES				_ '	oth to Bottom of Well	
						o Bottom of Casing
				B DEPTH TO B	ater from top of cas ottom of well from t	op of Casing
	Casing Infor	MATION		D TOP OF CASI	ng to ground surfac ng to survey referen	e/Pad RCB Marker
SIZE TOP B	м мотто	ATERIAL	TYPE	CONNECTION	THICKNESS	
	<u> </u>					
HANGES		÷'.				
		<u> </u>				
	,					 *
		z mrem ti				
	SCREEN INFORM	ATION	• • •	'.		
SIZE TOP BO	TTOM MA	TERIAL .		YPE	SLOT SIZE	
				····	 	
			1			
Anges	,					٠٠٠
ANGES						
ANGES						

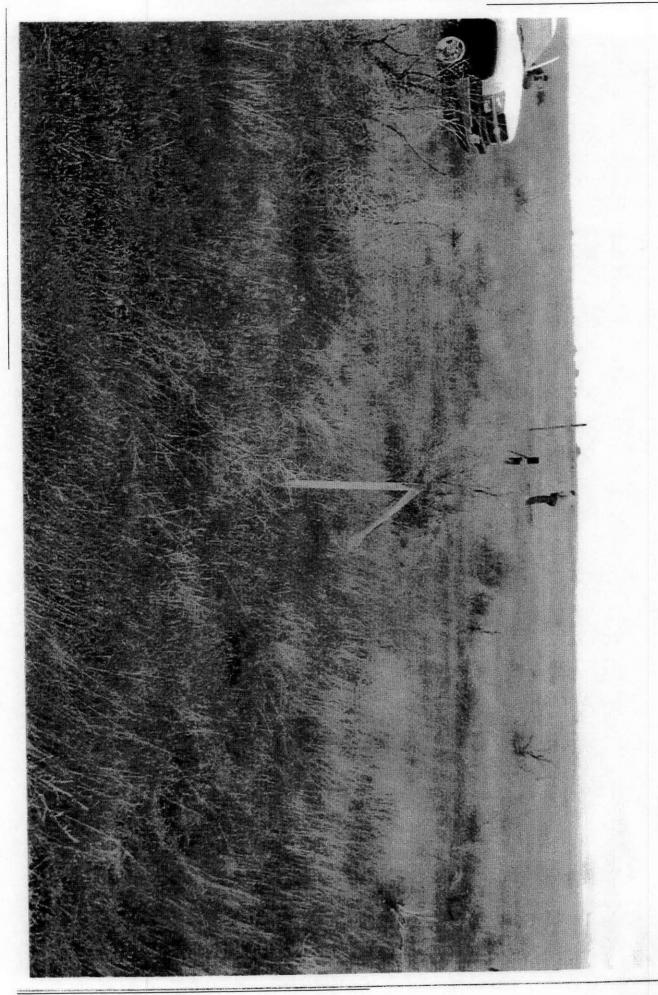
ND* - Not Documented BH1-EE-231 (01/20/02)

	SURVEY DATA REPORT						
Project No. N/A	Title: Survey Decommissiong Wells	137911	699-	17-26V	File 6T	No. 11-R27	
Job No. 65400811.122540	Prepared By Tim Johnson	Date 3/13/200)7	Reviewer	He	nke	Page 1 of 2
:	DESCRIPTION OF WORK		DISTR	TBULION	SDR	PLOT	DWG
set hub and lath.	on for C3791. If found, fill out WAR Rep Take photo. n: US State Plane 1983 Washington South 4602 NAD 1983 (Conus) NAVD 1988	ort. If not found,	Survey B. Hov C. Wri G. Kel E. Rafi	ward ght ty	OR 1 1 1 1 1 1		
Geoid Model:	Geoid03						

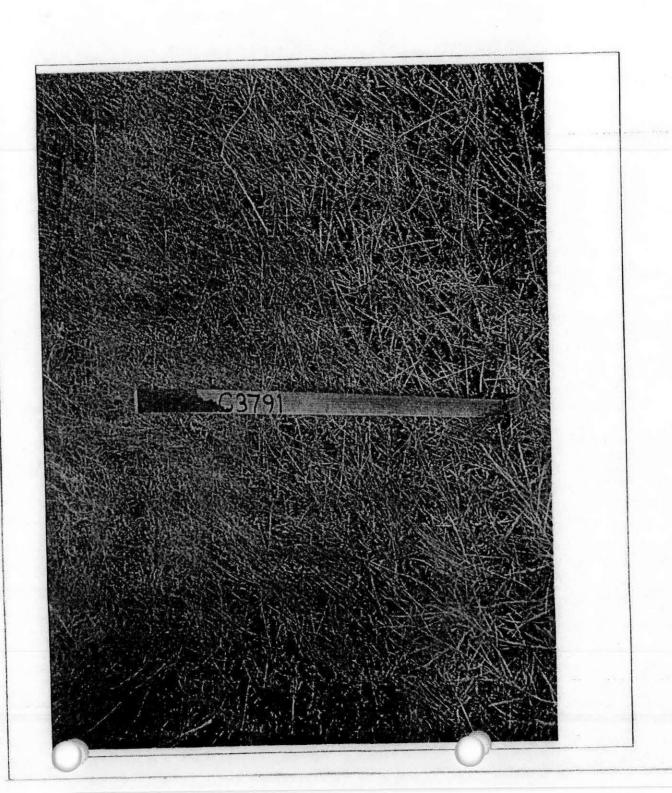
SURVEY RESULTS AND COMMENTS

Well ID# C3791 was not found at listed coordinates: N128801.41 E581994.83 Set hub and lath. Took Photo.

NOTE: This Survey was performed under the supervision of a Licensed Professional Land Surveyor registered in the State of Washington.

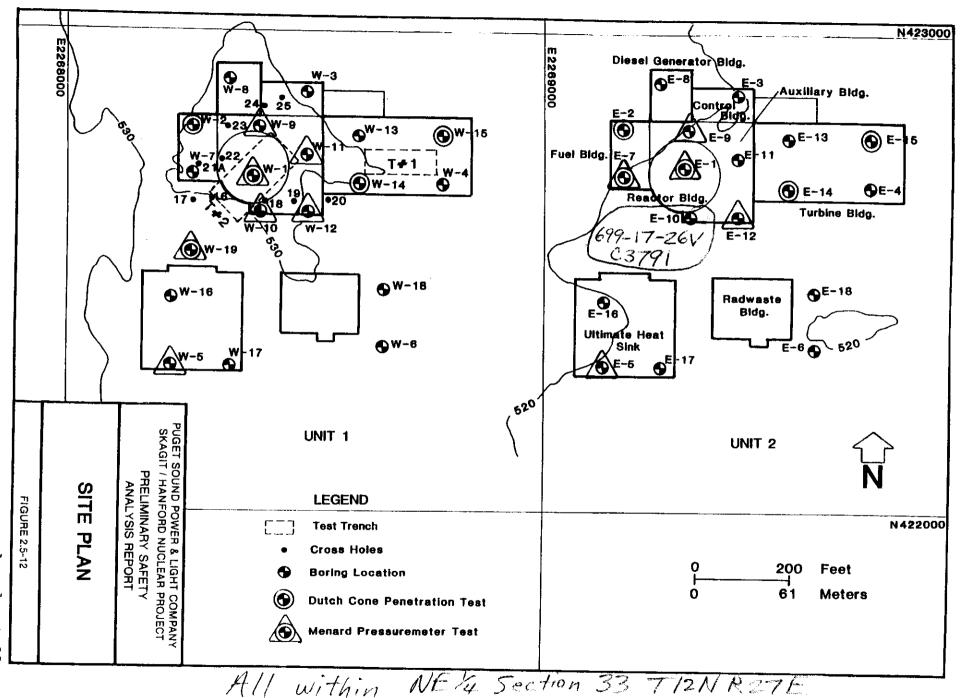


well Decom ospor



E-NW-246 (09/04)

This information is PROPRIETARY and is provided solely for use in conjunction with work managed and controlled by Fluor Federal Services.



Amendment 2

699-17-27 A8369

WELL NAME	COORDINATES	CASING ELEV DRILL DEPTH	PERF/SCREEN				COMMENTS	FRGE 272		
WELL TYPE PUMP TYPE	l 83 NS/EW	PLANT NS/EW	WELL_DTAM DATE_COMPL	COMPL_DEPTH DEPTH_WATER	TYPE	DIAM	TOP	вот	PREVIOUS WELL NAMES	
699-17-26BP		16664.00	518.02	290.0	P	.8	268.0	288.0	PIEZOMETER	
GW		-26188.00	.8 7/81						PH-5	
699-17-26BQ		16664.00	518.61 2.0		P	2.0	156.0	161.0	PIEZOMETER	
GW		-26188.00	2.0						PH-5	
699-17-26BR		16664.00	518.38	130.0	P	2.0	120.0	125.0	PIEZOMETER	
GW		-26188.00	2.0 7/81						PH-5	
699-17-26CP		16867.00	515.89	196.0	P	2.0	186.0	191.0	PIEZOMETER	
GW		-26086.00	2.0 7/81						PH-6	
699-17-26CQ		16867.00	515.87		P	2.0	155.0	160.0	PIEZOMETER	
G₩		-26086.00	2.0						РН-6	
699-17-26CR		16867.00	515.79	130.0	P	2.0	120.0	125.0	PIEZOMETER	
GW		-26086.00	2.0 7/81						PH-6	
699-17-26D				126.0						
GW			6.0 12/81	136.0 117.0						
699-17-26E										
GW			6.0 12/81	124.0 119.0						
699-17-26F			Uanto	rd Wells						
SW			PNL-8800						E-1	
699-17 - 26G			M.A.Chamnes	s & J.K. Mei	rz					
GW		Pro		ust 1993 Dept of Energy	under				699-17-26, E-19	
699-17-26н		Contract DE-AC06-76RLO 1830 Pacific NW Lab by Battelle Memorial Institute								
SW		Pacifi	ic NW Lab by B	attelle Memorial	Institu	te			E-20	
699-17-27				240.0						
GW			6.0 12/81	149.0 129.0)

WIS Interface - Survey Information - Horizontal

NELL_ID	WELL_NAME	SURVEY_CONTRACTO	R DATUM_TYPE	SURVEY_DATE	MEASUREMENT_N	METHOD NOR	RTHING EASTING	SURVEY_UNITS	QUALIFIER CC
48369	699-17-27	 No information availab 	. =						



Av: ble Documents:

Well ID	Document Number	Document Type	Date	Description	Rev			
Well ID: A8369, Well Name: 699-17-27								
A8369	No information ava	ailable		·····				